

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020322\
 Data File : VX026772.D
 Acq On : 03 Feb 2022 20:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/07/2022
 Supervised By :Semsettin Yesilyurt 02/07/2022

Quant Time: Feb 04 02:35:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	87996	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	147343	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	126233	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59168	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	56825	46.228	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.460%		
35) Dibromofluoromethane	5.397	113	46459	48.827	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.660%		
50) Toluene-d8	8.653	98	164372	47.939	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.880%		
62) 4-Bromofluorobenzene	11.085	95	59370	48.743	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.480%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	38975	37.509	ug/l	100
3) Chloromethane	1.295	50	37124	38.973	ug/l	100
4) Vinyl Chloride	1.374	62	41964	41.960	ug/l	97
5) Bromomethane	1.612	94	23805	51.599	ug/l	98
6) Chloroethane	1.685	64	25764	50.945	ug/l	96
7) Trichlorofluoromethane	1.892	101	68120	43.142	ug/l	98
8) Diethyl Ether	2.136	74	25813	46.199	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	47256	49.111	ug/l	98
10) Methyl Iodide	2.459	142	60204	57.398	ug/l	96
11) Tert butyl alcohol	2.977	59	49618	290.163	ug/l	97
12) 1,1-Dichloroethene	2.325	96	44521	48.445	ug/l	91
13) Acrolein	2.240	56	46783	257.465	ug/l	99
14) Allyl chloride	2.666	41	84141	49.786	ug/l	96
15) Acrylonitrile	3.069	53	145107	275.665	ug/l	100
16) Acetone	2.386	43	119161	190.091	ug/l	97
17) Carbon Disulfide	2.514	76	102701	38.277	ug/l	98
18) Methyl Acetate	2.709	43	69180	55.511	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	173284	51.966	ug/l	100
20) Methylene Chloride	2.794	84	51063	49.302	ug/l	96
21) trans-1,2-Dichloroethene	3.099	96	48436	48.685	ug/l	94
22) Diisopropyl ether	3.764	45	174744	50.902	ug/l	96
23) Vinyl Acetate	3.727	43	747738	264.606	ug/l	98
24) 1,1-Dichloroethane	3.617	63	93651	50.513	ug/l	100
25) 2-Butanone	4.562	43	201822	247.568	ug/l	98
26) 2,2-Dichloropropane	4.483	77	67596	49.187	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	58631	51.637	ug/l	96
28) Bromochloromethane	4.904	49	36712	48.224	ug/l	96
29) Tetrahydrofuran	5.013	42	133128	274.960	ug/l	98
30) Chloroform	5.099	83	97095	50.403	ug/l	100
31) Cyclohexane	5.477	56	80426	44.359	ug/l	100
32) 1,1,1-Trichloroethane	5.391	97	85551	50.489	ug/l	99
36) 1,1-Dichloropropene	5.702	75	68785	45.793	ug/l	99
37) Ethyl Acetate	4.721	43	80742	53.139	ug/l	99
38) Carbon Tetrachloride	5.684	117	74478	48.204	ug/l	96
39) Methylcyclohexane	7.385	83	81489	44.977	ug/l	98
40) Benzene	6.044	78	202914	48.875	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020322\
 Data File : VX026772.D
 Acq On : 03 Feb 2022 20:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/07/2022
 Supervised By :Semsettin Yesilyurt 02/07/2022

Quant Time: Feb 04 02:35:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	45324	52.657	ug/l	97
42) 1,2-Dichloroethane	6.092	62	76768	47.260	ug/l	98
43) Isopropyl Acetate	6.342	43	130763	53.276	ug/l	99
44) Trichloroethene	7.129	130	62306	52.888	ug/l	95
45) 1,2-Dichloropropane	7.434	63	53892	52.003	ug/l	97
46) Dibromomethane	7.586	93	36553	50.035	ug/l	96
47) Bromodichloromethane	7.824	83	75047	50.842	ug/l	98
48) Methyl methacrylate	7.696	41	63027	51.815	ug/l	97
49) 1,4-Dioxane	7.678	88	20431	1023.516	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	388828	267.085	ug/l	98
52) Toluene	8.720	92	126834	49.818	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	75199	47.746	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	84956	53.587	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	52834	53.178	ug/l	99
56) Ethyl methacrylate	9.122	69	84623	55.578	ug/l	95
57) 1,3-Dichloropropane	9.311	76	89095	51.724	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	208325	260.930	ug/l	97
59) 2-Hexanone	9.433	43	286482	257.108	ug/l	97
60) Dibromochloromethane	9.525	129	56002	54.091	ug/l	100
61) 1,2-Dibromoethane	9.610	107	54845	52.976	ug/l	98
64) Tetrachloroethene	9.275	164	67838	56.889	ug/l	95
65) Chlorobenzene	10.080	112	132749	49.938	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	51923	52.568	ug/l	99
67) Ethyl Benzene	10.195	91	239944	49.671	ug/l	99
68) m/p-Xylenes	10.305	106	182287	100.834	ug/l	97
69) o-Xylene	10.640	106	89482	51.297	ug/l	97
70) Styrene	10.659	104	149995	52.696	ug/l	98
71) Bromoform	10.799	173	37227	49.275	ug/l #	100
73) Isopropylbenzene	10.964	105	237278	48.924	ug/l	99
74) N-amyl acetate	10.848	43	100776	53.823	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.214	83	64339	49.424	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	68082m	52.260	ug/l	
77) Bromobenzene	11.201	156	55993	50.395	ug/l	96
78) n-propylbenzene	11.305	91	269205	48.675	ug/l	99
79) 2-Chlorotoluene	11.366	91	158930	47.388	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	195673	48.938	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	20658	50.019	ug/l	92
82) 4-Chlorotoluene	11.457	91	181893	47.190	ug/l	97
83) tert-Butylbenzene	11.720	119	183467	49.153	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	195530	48.892	ug/l	98
85) sec-Butylbenzene	11.890	105	245223	50.791	ug/l	100
86) p-Isopropyltoluene	12.012	119	204512	50.489	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	103742	49.813	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	105273	49.941	ug/l	99
89) n-Butylbenzene	12.335	91	173452	49.899	ug/l	99
90) Hexachloroethane	12.543	117	32111	47.613	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	102637	52.150	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17103	54.360	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	68010	53.899	ug/l	98
94) Hexachlorobutadiene	13.725	225	27508	51.644	ug/l	99
95) Naphthalene	13.780	128	242492	57.616	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	69153	55.728	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020322\
Data File : VX026772.D
Acq On : 03 Feb 2022 20:41
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/07/2022
Supervised By :Semsettin Yesilyurt 02/07/2022

Quant Time: Feb 04 02:35:45 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 11 14:45:13 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020322\
 Data File : VX026772.D
 Acq On : 03 Feb 2022 20:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/07/2022
 Supervised By :Semsettin Yesilyurt 02/07/2022

Quant Time: Feb 04 02:35:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

