

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010422\
 Data File : VX026290.D
 Acq On : 04 Jan 2022 23:10
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/05/2022
 Supervised By : Mahesh Dadoda 01/05/2022

Quant Time: Jan 05 06:19:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	109809	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	185672	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	160011	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76308	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84482	53.180	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.360%			
35) Dibromofluoromethane	5.391	113	62800	52.025	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.040%			
50) Toluene-d8	8.653	98	222481	49.550	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.100%			
62) 4-Bromofluorobenzene	11.079	95	85674	53.600	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.200%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	60938	52.839	ug/l	96
3) Chloromethane	1.295	50	56597	42.159	ug/l	97
4) Vinyl Chloride	1.374	62	62275	44.078	ug/l	99
5) Bromomethane	1.605	94	29883	34.273	ug/l	98
6) Chloroethane	1.685	64	38842	39.097	ug/l	100
7) Trichlorofluoromethane	1.892	101	105623	43.400	ug/l	97
8) Diethyl Ether	2.136	74	38544	46.102	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	64874	50.564	ug/l	100
10) Methyl Iodide	2.453	142	62751	37.820	ug/l	98
11) Tert butyl alcohol	2.959	59	76850	242.201	ug/l	99
12) 1,1-Dichloroethene	2.325	96	62609	51.490	ug/l	93
13) Acrolein	2.240	56	27422	241.689	ug/l	98
14) Allyl chloride	2.666	41	118705	49.399	ug/l	97
15) Acrylonitrile	3.063	53	195170	248.437	ug/l	99
16) Acetone	2.380	43	192197	223.294	ug/l	95
17) Carbon Disulfide	2.514	76	172275	49.366	ug/l	99
18) Methyl Acetate	2.703	43	139819	50.080	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	240444	56.612	ug/l	100
20) Methylene Chloride	2.794	84	68956	50.106	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	67474	50.866	ug/l	90
22) Diisopropyl ether	3.764	45	241742	52.708	ug/l	92
23) Vinyl Acetate	3.721	43	961759	264.083	ug/l	97
24) 1,1-Dichloroethane	3.617	63	131125	52.755	ug/l	99
25) 2-Butanone	4.556	43	290251	242.078	ug/l	98
26) 2,2-Dichloropropane	4.483	77	99129	52.933	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	79447	52.645	ug/l	93
28) Bromochloromethane	4.904	49	51074	46.361	ug/l	92
29) Tetrahydrofuran	5.007	42	185375	245.294	ug/l	96
30) Chloroform	5.099	83	135531	51.554	ug/l	97
31) Cyclohexane	5.477	56	116250	51.385	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	123211	53.911	ug/l	100
36) 1,1-Dichloropropene	5.696	75	99765	51.242	ug/l	98
37) Ethyl Acetate	4.715	43	113186	50.138	ug/l	99
38) Carbon Tetrachloride	5.684	117	104501	48.253	ug/l	99
39) Methylcyclohexane	7.385	83	112216	51.096	ug/l	94
40) Benzene	6.044	78	279875	50.368	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010422\
 Data File : VX026290.D
 Acq On : 04 Jan 2022 23:10
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/05/2022
 Supervised By : Mahesh Dadoda 01/05/2022

Quant Time: Jan 05 06:19:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	63056	49.464	ug/l	94
42) 1,2-Dichloroethane	6.092	62	116241	51.691	ug/l	98
43) Isopropyl Acetate	6.342	43	189207	51.426	ug/l	98
44) Trichloroethene	7.129	130	78405	52.439	ug/l	89
45) 1,2-Dichloropropane	7.434	63	72483	50.999	ug/l	98
46) Dibromomethane	7.580	93	51451	48.805	ug/l	100
47) Bromodichloromethane	7.824	83	103514	48.263	ug/l	100
48) Methyl methacrylate	7.696	41	92866	52.629	ug/l	93
49) 1,4-Dioxane	7.659	88	28206	867.415	ug/l	88
51) 4-Methyl-2-Pentanone	8.574	43	551099	240.697	ug/l	99
52) Toluene	8.720	92	173567	50.739	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	103753	45.655	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	113103	49.893	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	69458	49.404	ug/l	98
56) Ethyl methacrylate	9.116	69	117520	54.198	ug/l	95
57) 1,3-Dichloropropane	9.311	76	121382	50.403	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	278439	240.594	ug/l	97
59) 2-Hexanone	9.433	43	417633	240.804	ug/l	98
60) Dibromochloromethane	9.525	129	73408	46.091	ug/l	99
61) 1,2-Dibromoethane	9.610	107	74572	49.573	ug/l	99
64) Tetrachloroethene	9.275	164	80077	59.303	ug/l	98
65) Chlorobenzene	10.080	112	177876	50.604	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	68569	51.193	ug/l	99
67) Ethyl Benzene	10.195	91	333373	53.041	ug/l	97
68) m/p-Xylenes	10.305	106	248500	105.891	ug/l	92
69) o-Xylene	10.640	106	122649	53.415	ug/l	93
70) Styrene	10.659	104	204926	54.441	ug/l	97
71) Bromoform	10.799	173	48896	44.999	ug/l #	99
73) Isopropylbenzene	10.964	105	320978	54.115	ug/l	98
74) N-amyl acetate	10.842	43	154210	56.620	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.214	83	94934	47.061	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	95391m	51.790	ug/l	
77) Bromobenzene	11.201	156	74877	53.231	ug/l	92
78) n-propylbenzene	11.305	91	371446	54.466	ug/l	98
79) 2-Chlorotoluene	11.366	91	226334	53.915	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	270878	55.031	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	24454	38.409	ug/l #	81
82) 4-Chlorotoluene	11.457	91	260418	54.929	ug/l	95
83) tert-Butylbenzene	11.713	119	245429	51.370	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	272491	55.403	ug/l	96
85) sec-Butylbenzene	11.890	105	319472	53.583	ug/l	99
86) p-Isopropyltoluene	12.012	119	272246	54.774	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	140720	53.291	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	141291	49.906	ug/l	99
89) n-Butylbenzene	12.335	91	232483	52.632	ug/l	99
90) Hexachloroethane	12.543	117	40031	40.324	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	137508	50.200	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	24415	47.279	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	84116	51.966	ug/l	99
94) Hexachlorobutadiene	13.725	225	33746	50.211	ug/l	98
95) Naphthalene	13.774	128	310558	52.658	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	84523	51.323	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010422\
Data File : VX026290.D
Acq On : 04 Jan 2022 23:10
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022

Quant Time: Jan 05 06:19:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 2021
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\VX010422\
Data File : VX026290.D
Acq On : 04 Jan 2022 23:10
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Jan 05 06:19:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 2021
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By : John Carlone 01/05/2022
Supervised By : Mahesh Dadoda 01/05/2022

