

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022822\
 Data File : VX027216.D
 Acq On : 28 Feb 2022 11:45
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/01/2022
 Supervised By : Mahesh Dadoda 03/01/2022

Quant Time: Mar 01 00:41:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 13:06:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	76467	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	120282	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	110761	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54487	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	47667	51.904	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.800%			
35) Dibromofluoromethane	5.391	113	38378	51.403	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.800%			
50) Toluene-d8	8.653	98	142362	50.995	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.000%			
62) 4-Bromofluorobenzene	11.079	95	54931	51.261	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.520%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	39015	51.329	ug/l	100
3) Chloromethane	1.294	50	37169	52.312	ug/l	100
4) Vinyl Chloride	1.380	62	35240	49.793	ug/l	99
5) Bromomethane	1.599	94	16695	54.106	ug/l	100
6) Chloroethane	1.684	64	21657	49.833	ug/l	100
7) Trichlorofluoromethane	1.886	101	56089	50.956	ug/l	98
8) Diethyl Ether	2.136	74	20739	54.130	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	40848	53.270	ug/l	97
10) Methyl Iodide	2.453	142	55063	53.476	ug/l	95
11) Tert butyl alcohol	2.965	59	45797	256.301	ug/l	97
12) 1,1-Dichloroethene	2.318	96	38222	51.344	ug/l	93
13) Acrolein	2.239	56	45077	272.932	ug/l	99
14) Allyl chloride	2.666	41	70415	53.723	ug/l	95
15) Acrylonitrile	3.062	53	125592	273.913	ug/l	99
16) Acetone	2.379	43	119322	295.923	ug/l	95
17) Carbon Disulfide	2.514	76	98015	50.635	ug/l	100
18) Methyl Acetate	2.703	43	56849	54.622	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	140500	55.003	ug/l	100
20) Methylene Chloride	2.788	84	44474	53.215	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	41443	52.202	ug/l	94
22) Diisopropyl ether	3.763	45	137703	53.892	ug/l	97
23) Vinyl Acetate	3.721	43	613937	284.532	ug/l	97
24) 1,1-Dichloroethane	3.611	63	76587	53.021	ug/l	99
25) 2-Butanone	4.556	43	178306	277.673	ug/l	99
26) 2,2-Dichloropropane	4.483	77	59508	56.789	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	49809	54.099	ug/l	95
28) Bromochloromethane	4.897	49	31217	53.420	ug/l	93
29) Tetrahydrofuran	5.007	42	112710	262.251	ug/l	96
30) Chloroform	5.098	83	79253	52.825	ug/l	97
31) Cyclohexane	5.470	56	70288	51.104	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	69993	53.892	ug/l	98
36) 1,1-Dichloropropene	5.696	75	58657	53.832	ug/l	98
37) Ethyl Acetate	4.714	43	67247	56.210	ug/l	98
38) Carbon Tetrachloride	5.678	117	62301	54.821	ug/l	97
39) Methylcyclohexane	7.379	83	75037	55.360	ug/l	94
40) Benzene	6.037	78	171812	53.919	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022822\
 Data File : VX027216.D
 Acq On : 28 Feb 2022 11:45
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/01/2022
 Supervised By : Mahesh Dadoda 03/01/2022

Quant Time: Mar 01 00:41:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 13:06:57 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	37002	56.381	ug/l	96
42) 1,2-Dichloroethane	6.086	62	63357	56.047	ug/l	97
43) Isopropyl Acetate	6.342	43	106063	57.631	ug/l	97
44) Trichloroethene	7.123	130	52567	55.148	ug/l	88
45) 1,2-Dichloropropane	7.433	63	44223	56.801	ug/l	98
46) Dibromomethane	7.580	93	31993	57.211	ug/l	95
47) Bromodichloromethane	7.824	83	61837	56.655	ug/l	98
48) Methyl methacrylate	7.689	41	53338	59.874	ug/l	96
49) 1,4-Dioxane	7.659	88	21379	1061.569	ug/l	94
51) 4-Methyl-2-Pentanone	8.573	43	342308	286.166	ug/l	97
52) Toluene	8.720	92	112635	55.203	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	65664	52.978	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	72723	59.688	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	45900	56.797	ug/l	99
56) Ethyl methacrylate	9.116	69	73072	58.077	ug/l	94
57) 1,3-Dichloropropane	9.311	76	77625	57.749	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	168098	277.171	ug/l	96
59) 2-Hexanone	9.433	43	263163	287.847	ug/l	97
60) Dibromochloromethane	9.525	129	50358	60.068	ug/l	99
61) 1,2-Dibromoethane	9.610	107	48842	56.751	ug/l	100
64) Tetrachloroethene	9.275	164	52573	52.462	ug/l	97
65) Chlorobenzene	10.079	112	121090	53.631	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	45934	56.101	ug/l	99
67) Ethyl Benzene	10.195	91	216297	54.571	ug/l	98
68) m/p-Xylenes	10.305	106	170651	111.994	ug/l	98
69) o-Xylene	10.640	106	81800	53.488	ug/l	97
70) Styrene	10.658	104	139599	55.785	ug/l	98
71) Bromoform	10.799	173	36059	50.977	ug/l #	100
73) Isopropylbenzene	10.963	105	216138	55.436	ug/l	99
74) N-amyl acetate	10.841	43	88672	59.774	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	64078	55.643	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	56581m	51.555	ug/l	
77) Bromobenzene	11.201	156	53198	54.703	ug/l	93
78) n-propylbenzene	11.305	91	247573	55.868	ug/l	99
79) 2-Chlorotoluene	11.366	91	148624	54.732	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	184831	56.378	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	20150	53.327	ug/l	89
82) 4-Chlorotoluene	11.457	91	173274	55.856	ug/l	96
83) tert-Butylbenzene	11.713	119	177661	55.731	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	183860	56.381	ug/l	98
85) sec-Butylbenzene	11.890	105	231167	57.832	ug/l	100
86) p-Isopropyltoluene	12.012	119	194245	57.003	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	100093	54.698	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	100595	53.764	ug/l	99
89) n-Butylbenzene	12.335	91	166834	58.576	ug/l	99
90) Hexachloroethane	12.542	117	29452	55.797	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	97924	54.844	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15653	58.548	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	63972	56.777	ug/l	98
94) Hexachlorobutadiene	13.725	225	26485	56.619	ug/l	99
95) Naphthalene	13.780	128	221199	57.774	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	63689	56.393	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022822\
Data File : VX027216.D
Acq On : 28 Feb 2022 11:45
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

Quant Time: Mar 01 00:41:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 23 13:06:57 2022
Response via : Initial Calibration

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

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

