

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012324\
 Data File : VX039921.D
 Acq On : 23 Jan 2024 19:42
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/24/2024
 Supervised By : Mahesh Dadoda 01/24/2024

Quant Time: Jan 24 02:38:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	81414	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	149711	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	139618	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	70563	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	69150	50.704	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.400%			
35) Dibromofluoromethane	5.385	113	50833	50.411	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.820%			
50) Toluene-d8	8.647	98	180425	47.441	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.880%			
62) 4-Bromofluorobenzene	11.079	95	75736	50.925	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.860%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	41873	39.752	ug/l	100
3) Chloromethane	1.295	50	50515	41.992	ug/l	97
4) Vinyl Chloride	1.374	62	50048	44.084	ug/l	100
5) Bromomethane	1.599	94	33993	52.476	ug/l	100
6) Chloroethane	1.685	64	32698	50.664	ug/l	99
7) Trichlorofluoromethane	1.886	101	77267	47.179	ug/l	98
8) Diethyl Ether	2.130	74	30880	51.022	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	46398	45.698	ug/l	99
10) Methyl Iodide	2.453	142	58602	54.711	ug/l	95
11) Tert butyl alcohol	2.959	59	91874	258.792	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	45862	46.804	ug/l	93
13) Acrolein	2.233	56	53131	242.888	ug/l	99
14) Allyl chloride	2.666	41	89893	46.611	ug/l	99
15) Acrylonitrile	3.062	53	179892	245.310	ug/l	99
16) Acetone	2.374	43	171909	224.133	ug/l	95
17) Carbon Disulfide	2.514	76	112711	40.020	ug/l	98
18) Methyl Acetate	2.697	43	84735	52.806	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	177612	51.056	ug/l	100
20) Methylene Chloride	2.788	84	57456	49.525	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	51509	49.952	ug/l	92
22) Diisopropyl ether	3.757	45	184023	50.000	ug/l	99
23) Vinyl Acetate	3.721	43	857542	250.659	ug/l	100
24) 1,1-Dichloroethane	3.611	63	99802	49.291	ug/l	99
25) 2-Butanone	4.550	43	262571	238.220	ug/l	97
26) 2,2-Dichloropropane	4.471	77	71763	44.161	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	59980	50.714	ug/l	98
28) Bromochloromethane	4.898	49	44664	48.665	ug/l	98
29) Tetrahydrofuran	4.995	42	170121	239.797	ug/l	99
30) Chloroform	5.093	83	105604	52.834	ug/l	99
31) Cyclohexane	5.471	56	75918	42.179	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	85324	49.862	ug/l	98
36) 1,1-Dichloropropene	5.690	75	70565	44.958	ug/l	100
37) Ethyl Acetate	4.709	43	98072	46.836	ug/l	99
38) Carbon Tetrachloride	5.678	117	66044	45.942	ug/l	99
39) Methylcyclohexane	7.379	83	79199	42.021	ug/l	99
40) Benzene	6.031	78	214636	48.293	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012324\
 Data File : VX039921.D
 Acq On : 23 Jan 2024 19:42
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/24/2024
 Supervised By : Mahesh Dadoda 01/24/2024

Quant Time: Jan 24 02:38:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	51728	50.518	ug/l	95
42) 1,2-Dichloroethane	6.086	62	89824	53.160	ug/l	98
43) Isopropyl Acetate	6.336	43	153432	49.950	ug/l	99
44) Trichloroethene	7.123	130	53772	49.367	ug/l	97
45) 1,2-Dichloropropane	7.428	63	59092	49.563	ug/l	99
46) Dibromomethane	7.580	93	42474	51.578	ug/l	97
47) Bromodichloromethane	7.818	83	78541	51.497	ug/l	96
48) Methyl methacrylate	7.690	41	76640	50.760	ug/l	93
49) 1,4-Dioxane	7.659	88	26781	916.691	ug/l #	97
51) 4-Methyl-2-Pentanone	8.574	43	531506	251.243	ug/l	97
52) Toluene	8.714	92	132280	49.830	ug/l	92
53) t-1,3-Dichloropropene	8.976	75	84546	52.241	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	90444	50.825	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	59657	52.783	ug/l	98
56) Ethyl methacrylate	9.116	69	96209	52.595	ug/l	95
57) 1,3-Dichloropropane	9.305	76	100379	52.408	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	208260	240.864	ug/l	96
59) 2-Hexanone	9.427	43	422544	252.370	ug/l	98
60) Dibromochloromethane	9.519	129	57752	54.183	ug/l	99
61) 1,2-Dibromoethane	9.610	107	63334	54.112	ug/l	98
64) Tetrachloroethene	9.275	164	41907	46.156	ug/l	97
65) Chlorobenzene	10.080	112	143522	49.355	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	51421	51.932	ug/l	100
67) Ethyl Benzene	10.195	91	263159	48.745	ug/l	97
68) m/p-Xylenes	10.299	106	194517	97.970	ug/l	95
69) o-Xylene	10.640	106	97607	49.641	ug/l	96
70) Styrene	10.653	104	162651	50.639	ug/l	96
71) Bromoform	10.799	173	39055	52.528	ug/l #	99
73) Isopropylbenzene	10.964	105	256912	45.730	ug/l	99
74) N-amyl acetate	10.842	43	142439	48.641	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	101836	47.470	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	87079m	47.599	ug/l	
77) Bromobenzene	11.195	156	59497	47.565	ug/l	95
78) n-propylbenzene	11.305	91	311418	45.799	ug/l	98
79) 2-Chlorotoluene	11.360	91	188878	44.944	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	221589	46.441	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	25863	42.902	ug/l	95
82) 4-Chlorotoluene	11.451	91	222761	46.731	ug/l	98
83) tert-Butylbenzene	11.713	119	208860	45.850	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	225216	47.311	ug/l	99
85) sec-Butylbenzene	11.890	105	274077	46.349	ug/l	99
86) p-Isopropyltoluene	12.006	119	225530	47.720	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	115773	48.284	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	117433	47.419	ug/l	98
89) n-Butylbenzene	12.329	91	221476	48.520	ug/l	96
90) Hexachloroethane	12.536	117	35526	44.558	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	113771	47.995	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	26010	49.479	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	69978	48.306	ug/l	100
94) Hexachlorobutadiene	13.725	225	29081	48.292	ug/l	97
95) Naphthalene	13.774	128	258744	48.518	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	70649	48.322	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012324\
Data File : VX039921.D
Acq On : 23 Jan 2024 19:42
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

Quant Time: Jan 24 02:38:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration

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

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

