

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111022\
 Data File : VX032718.D
 Acq On : 10 Nov 2022 11:14
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 10 11:52:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/11/2022
 Supervised By : Mahesh Dadoda 11/11/2022

11/11/2022
 Supervised By : Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	108888	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	173438	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	160707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86453	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	79222	52.362	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.720%	
35) Dibromofluoromethane	5.385	113	62679	50.664	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.320%	
50) Toluene-d8	8.647	98	205023	47.659	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 95.320%	
62) 4-Bromofluorobenzene	11.079	95	87620	52.142	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.280%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.167	85	57344	45.661	ug/l	96
3) Chloromethane	1.295	50	45711	43.039	ug/l	96
4) Vinyl Chloride	1.374	62	51542	44.095	ug/l	99
5) Bromomethane	1.612	94	46708	50.003	ug/l	100
6) Chloroethane	1.685	64	47740	60.881	ug/l	98
7) Trichlorofluoromethane	1.886	101	105072	47.441	ug/l	98
8) Diethyl Ether	2.130	74	37080	51.663	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	56943	48.712	ug/l	99
10) Methyl Iodide	2.453	142	60654	46.778	ug/l	99
11) Tert butyl alcohol	2.989	59	55263m	250.954	ug/l	
12) 1,1-Dichloroethene	2.319	96	51059	46.757	ug/l	92
13) Acrolein	2.239	56	54252	246.782	ug/l	99
14) Allyl chloride	2.660	41	88886	51.062	ug/l	99
15) Acrylonitrile	3.063	53	146338	244.860	ug/l	100
16) Acetone	2.386	43	136216	247.713	ug/l	98
17) Carbon Disulfide	2.514	76	105081	40.401	ug/l	100
18) Methyl Acetate	2.703	43	98629	55.156	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	214772	55.959	ug/l	100
20) Methylene Chloride	2.788	84	63034	49.995	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	56268	47.338	ug/l	99
22) Diisopropyl ether	3.757	45	208294	55.321	ug/l	94
23) Vinyl Acetate	3.721	43	809703	266.177	ug/l	99
24) 1,1-Dichloroethane	3.605	63	112554	51.970	ug/l	99
25) 2-Butanone	4.556	43	206546	242.441	ug/l	98
26) 2,2-Dichloropropane	4.477	77	94189	54.711	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	73774	53.695	ug/l	99
28) Bromochloromethane	4.898	49	37738	48.920	ug/l	99
29) Tetrahydrofuran	5.001	42	130051	239.393	ug/l	100
30) Chloroform	5.093	83	130651	54.978	ug/l	98
31) Cyclohexane	5.471	56	85462	46.587	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	112567	52.785	ug/l	100
36) 1,1-Dichloropropene	5.690	75	83001	48.178	ug/l	99
37) Ethyl Acetate	4.709	43	83322	46.464	ug/l	99
38) Carbon Tetrachloride	5.678	117	94916	49.673	ug/l	97
39) Methylcyclohexane	7.379	83	96348	47.268	ug/l	99
40) Benzene	6.038	78	248058	50.882	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	47902	52.436	ug/l	99
42) 1,2-Dichloroethane	6.086	62	109627	55.009	ug/l	100
43) Isopropyl Acetate	6.336	43	145821	52.960	ug/l	100
44) Trichloroethene	7.123	130	67745	49.362	ug/l	93
45) 1,2-Dichloropropane	7.428	63	67311	53.786	ug/l	99
46) Dibromomethane	7.580	93	50561	52.680	ug/l	99
47) Bromodichloromethane	7.818	83	100964	55.505	ug/l	96
48) Methyl methacrylate	7.690	41	74193	52.174	ug/l	99
49) 1,4-Dioxane	7.702	88	23934	883.167	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	440706	254.112	ug/l	100
52) Toluene	8.720	92	163572	51.426	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	106211	57.227	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	111099	55.967	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	72827	54.367	ug/l	98
56) Ethyl methacrylate	9.116	69	108314	56.189	ug/l	99
57) 1,3-Dichloropropane	9.311	76	116992	54.083	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	240969	259.608	ug/l	100
59) 2-Hexanone	9.433	43	321266	249.650	ug/l	100
60) Dibromochloromethane	9.519	129	79563	54.379	ug/l	99
61) 1,2-Dibromoethane	9.610	107	76867	54.157	ug/l	99
64) Tetrachloroethene	9.275	164	58542	49.770	ug/l	97
65) Chlorobenzene	10.080	112	185578	51.551	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	73341	54.132	ug/l	100
67) Ethyl Benzene	10.195	91	327364	50.853	ug/l	99
68) m/p-Xylenes	10.299	106	254946	101.990	ug/l	99
69) o-Xylene	10.640	106	127209	52.340	ug/l	99
70) Styrene	10.659	104	215709	53.404	ug/l	100
71) Bromoform	10.799	173	57045	53.253	ug/l #	98
73) Isopropylbenzene	10.964	105	335978	49.043	ug/l	99
74) N-amyl acetate	10.842	43	135312	52.275	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	109837	49.949	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	99324m	51.641	ug/l	
77) Bromobenzene	11.195	156	85398	50.847	ug/l	98
78) n-propylbenzene	11.305	91	390115	49.426	ug/l	100
79) 2-Chlorotoluene	11.366	91	237220	50.185	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	295121	50.405	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	31360	51.882	ug/l	99
82) 4-Chlorotoluene	11.457	91	279204	50.479	ug/l	100
83) tert-Butylbenzene	11.713	119	293401	50.193	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	297283	51.050	ug/l	100
85) sec-Butylbenzene	11.890	105	345888	49.176	ug/l	100
86) p-Isopropyltoluene	12.012	119	298165	49.958	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	163242	51.526	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	165743	50.428	ug/l	99
89) n-Butylbenzene	12.335	91	258906	49.864	ug/l	100
90) Hexachloroethane	12.536	117	48102	49.343	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	162171	51.913	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22184	46.012	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	101684	49.922	ug/l	99
94) Hexachlorobutadiene	13.725	225	40662	47.799	ug/l	99
95) Naphthalene	13.774	128	332068	48.927	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	100933	48.748	ug/l	98

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

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