

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110322\
 Data File : VX032562.D
 Acq On : 03 Nov 2022 17:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/04/2022
 Supervised By : Mahesh Dadoda 11/04/2022

Quant Time: Nov 04 06:20:04 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

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	112249	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	175797	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	163224	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90185	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	76935	49.328	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.660%		
35) Dibromofluoromethane	5.385	113	62115	49.534	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.060%		
50) Toluene-d8	8.653	98	209241	47.987	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.980%		
62) 4-Bromofluorobenzene	11.079	95	86100	50.550	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.100%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	66304	51.215	ug/l	99
3) Chloromethane	1.294	50	52651	48.089	ug/l	97
4) Vinyl Chloride	1.374	62	59643	49.498	ug/l	98
5) Bromomethane	1.605	94	49717	51.631	ug/l	97
6) Chloroethane	1.685	64	39747	49.170	ug/l	100
7) Trichlorofluoromethane	1.886	101	113129	49.550	ug/l	99
8) Diethyl Ether	2.136	74	36420	49.224	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	59590	49.451	ug/l	98
10) Methyl Iodide	2.453	142	75255	55.911	ug/l	100
11) Tert butyl alcohol	2.959	59	56560	249.153	ug/l	100
12) 1,1-Dichloroethene	2.319	96	53775	47.770	ug/l	93
13) Acrolein	2.233	56	55723	245.883	ug/l	100
14) Allyl chloride	2.666	41	91167	50.805	ug/l	99
15) Acrylonitrile	3.062	53	149462	242.599	ug/l	99
16) Acetone	2.380	43	135408	238.870	ug/l	98
17) Carbon Disulfide	2.514	76	120134	44.805	ug/l	99
18) Methyl Acetate	2.703	43	96107	52.136	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	199350	50.385	ug/l	99
20) Methylene Chloride	2.788	84	63095	48.545	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	58348	47.618	ug/l	93
22) Diisopropyl ether	3.757	45	198080	51.033	ug/l	89
23) Vinyl Acetate	3.721	43	795600	253.710	ug/l	99
24) 1,1-Dichloroethane	3.611	63	112638	50.452	ug/l	99
25) 2-Butanone	4.556	43	208658	237.587	ug/l	98
26) 2,2-Dichloropropane	4.477	77	91075	51.318	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	72203	50.978	ug/l	99
28) Bromochloromethane	4.897	49	38231	48.075	ug/l	98
29) Tetrahydrofuran	5.007	42	134652	240.441	ug/l	99
30) Chloroform	5.093	83	125341	51.164	ug/l	99
31) Cyclohexane	5.470	56	91446	48.357	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	111989	50.942	ug/l	99
36) 1,1-Dichloropropene	5.696	75	85560	48.997	ug/l	99
37) Ethyl Acetate	4.715	43	86131	47.386	ug/l	98
38) Carbon Tetrachloride	5.678	117	98618	50.918	ug/l	97
39) Methylcyclohexane	7.385	83	100429	48.609	ug/l	99
40) Benzene	6.037	78	244200	49.418	ug/l	100

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41) Methacrylonitrile	4.916	41	47296	51.078	ug/l	98
42) 1,2-Dichloroethane	6.086	62	103090	51.035	ug/l	100
43) Isopropyl Acetate	6.336	43	142290	50.985	ug/l	99
44) Trichloroethene	7.129	130	68004	48.886	ug/l	99
45) 1,2-Dichloropropane	7.434	63	63313	49.912	ug/l	100
46) Dibromomethane	7.580	93	47872	49.209	ug/l	99
47) Bromodichloromethane	7.824	83	95014	51.533	ug/l	99
48) Methyl methacrylate	7.690	41	71514	49.615	ug/l	100
49) 1,4-Dioxane	7.671	88	25365	923.411	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	440029	250.317	ug/l	100
52) Toluene	8.720	92	159888	49.593	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	99905	53.107	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	105224	52.296	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	68890	50.738	ug/l	98
56) Ethyl methacrylate	9.116	69	105489	53.989	ug/l	100
57) 1,3-Dichloropropane	9.311	76	111260	50.743	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	237126	252.040	ug/l	100
59) 2-Hexanone	9.433	43	335363	257.107	ug/l	100
60) Dibromochloromethane	9.525	129	76863	51.829	ug/l	99
61) 1,2-Dibromoethane	9.610	107	73175	50.864	ug/l	99
64) Tetrachloroethene	9.275	164	58658	49.099	ug/l	96
65) Chlorobenzene	10.079	112	179054	48.971	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	69838	50.751	ug/l	99
67) Ethyl Benzene	10.195	91	330214	50.504	ug/l	99
68) m/p-Xylenes	10.305	106	257126	101.276	ug/l	100
69) o-Xylene	10.640	106	126016	51.050	ug/l	98
70) Styrene	10.659	104	211316	51.510	ug/l	99
71) Bromoform	10.799	173	55878	51.359	ug/l #	99
73) Isopropylbenzene	10.963	105	336543	47.093	ug/l	100
74) N-amyl acetate	10.841	43	136099	50.403	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	107541	46.881	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	96334m	48.013	ug/l	
77) Bromobenzene	11.201	156	82175	46.903	ug/l	99
78) n-propylbenzene	11.305	91	392821	47.709	ug/l	100
79) 2-Chlorotoluene	11.366	91	235173	47.693	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	295607	48.398	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	31160	49.418	ug/l	100
82) 4-Chlorotoluene	11.457	91	278935	48.343	ug/l	100
83) tert-Butylbenzene	11.713	119	294976	48.374	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	296195	48.758	ug/l	100
85) sec-Butylbenzene	11.890	105	359062	48.937	ug/l	100
86) p-Isopropyltoluene	12.012	119	310184	49.821	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	159476	48.254	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	162745	47.467	ug/l	99
89) n-Butylbenzene	12.335	91	274679	50.712	ug/l	100
90) Hexachloroethane	12.536	117	50542	49.700	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	159439	48.927	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	24245	48.205	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	103649	48.781	ug/l	98
94) Hexachlorobutadiene	13.725	225	41498	46.764	ug/l	99
95) Naphthalene	13.774	128	343207	48.475	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	102188	47.311	ug/l	98

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

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