

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101422\
 Data File : VX032147.D
 Acq On : 14 Oct 2022 20:06
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/17/2022
 Supervised By : Mahesh Dadoda 10/17/2022

Quant Time: Oct 17 02:29:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	71562	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	114299	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	104755	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93424	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	86976	58.851	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 117.700%			
35) Dibromofluoromethane	5.385	113	66016	51.025	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.040%			
50) Toluene-d8	8.647	98	194698	41.821	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 83.640%#			
62) 4-Bromofluorobenzene	11.079	95	96780	58.802	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 117.600%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	51679	48.525	ug/l	100
3) Chloromethane	1.288	50	49225	44.138	ug/l	98
4) Vinyl Chloride	1.374	62	57292	43.959	ug/l	96
5) Bromomethane	1.612	94	38538	45.272	ug/l	98
6) Chloroethane	1.685	64	51051	46.030	ug/l	99
7) Trichlorofluoromethane	1.886	101	94762	40.449	ug/l	100
8) Diethyl Ether	2.130	74	33894	42.444	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.325	101	45836	38.708	ug/l	94
10) Methyl Iodide	2.453	142	58403	48.556	ug/l	98
11) Tert butyl alcohol	3.020	59	43985m	239.209	ug/l	
12) 1,1-Dichloroethene	2.319	96	40828	37.456	ug/l	92
13) Acrolein	2.240	56	26577	250.737	ug/l	99
14) Allyl chloride	2.660	41	87568	56.459	ug/l	95
15) Acrylonitrile	3.069	53	153692	262.197	ug/l	99
16) Acetone	2.392	43	97344	193.803	ug/l	97
17) Carbon Disulfide	2.508	76	103237	44.104	ug/l	99
18) Methyl Acetate	2.703	43	92825	56.010	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	205336	56.136	ug/l	99
20) Methylene Chloride	2.788	84	62570	47.404	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	57494	47.629	ug/l	97
22) Diisopropyl ether	3.758	45	205941	59.064	ug/l	89
23) Vinyl Acetate	3.721	43	792407	304.038	ug/l	99
24) 1,1-Dichloroethane	3.611	63	113248	54.183	ug/l	100
25) 2-Butanone	4.562	43	214389	273.043	ug/l	97
26) 2,2-Dichloropropane	4.477	77	84329	56.172	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	73083	50.598	ug/l	95
28) Bromochloromethane	4.898	49	50280	56.203	ug/l	94
29) Tetrahydrofuran	5.007	42	134457	265.401	ug/l	97
30) Chloroform	5.099	83	132471	56.901	ug/l	98
31) Cyclohexane	5.471	56	90234	51.108	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	114366	57.808	ug/l	98
36) 1,1-Dichloropropene	5.690	75	88404	51.528	ug/l	99
37) Ethyl Acetate	4.715	43	85915	53.191	ug/l	99
38) Carbon Tetrachloride	5.678	117	99890	56.943	ug/l	98
39) Methylcyclohexane	7.385	83	99535	48.638	ug/l	98
40) Benzene	6.038	78	252418	50.244	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	49714	59.189	ug/l	98
42) 1,2-Dichloroethane	6.086	62	109498	59.813	ug/l	99
43) Isopropyl Acetate	6.342	43	145847	59.514	ug/l	100
44) Trichloroethene	7.129	130	69161	46.951	ug/l	99
45) 1,2-Dichloropropane	7.434	63	65987	53.447	ug/l	97
46) Dibromomethane	7.580	93	50431	52.707	ug/l	97
47) Bromodichloromethane	7.824	83	100736	60.945	ug/l	99
48) Methyl methacrylate	7.696	41	72950	62.296	ug/l	98
49) 1,4-Dioxane	7.702	88	26622	1005.330	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	377598	232.510	ug/l	99
52) Toluene	8.720	92	139971	42.613	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	78513	44.267	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	107919	60.289	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	58289	42.045	ug/l	98
56) Ethyl methacrylate	9.116	69	81439	45.827	ug/l	98
57) 1,3-Dichloropropane	9.311	76	96275	43.215	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	245776	267.926	ug/l	96
59) 2-Hexanone	9.433	43	276259	230.708	ug/l	98
60) Dibromochloromethane	9.525	129	61475	48.453	ug/l	100
61) 1,2-Dibromoethane	9.610	107	61145	43.857	ug/l	98
64) Tetrachloroethene	9.275	164	54937	46.452	ug/l	96
65) Chlorobenzene	10.080	112	152684	48.103	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	56601	51.536	ug/l	96
67) Ethyl Benzene	10.195	91	271300	50.525	ug/l	100
68) m/p-Xylenes	10.305	106	226193	106.002	ug/l	98
69) o-Xylene	10.640	106	128307	61.863	ug/l	95
70) Styrene	10.659	104	217017	65.453	ug/l	98
71) Bromoform	10.799	173	51464	71.578	ug/l #	97
73) Isopropylbenzene	10.964	105	350596	49.756	ug/l	97
74) N-amyl acetate	10.848	43	133945	62.249	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.214	83	110705	49.449	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	100226m	52.345	ug/l	
77) Bromobenzene	11.201	156	80878	46.597	ug/l	96
78) n-propylbenzene	11.305	91	408091	50.919	ug/l	98
79) 2-Chlorotoluene	11.366	91	248134	51.448	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	303959	52.012	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	27297	50.547	ug/l #	84
82) 4-Chlorotoluene	11.457	91	294765	53.365	ug/l	96
83) tert-Butylbenzene	11.713	119	300493	51.953	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	305056	51.384	ug/l	97
85) sec-Butylbenzene	11.890	105	379891	53.051	ug/l	98
86) p-Isopropyltoluene	12.012	119	320794	53.208	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	159999	48.414	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	161400	47.447	ug/l	99
89) n-Butylbenzene	12.335	91	282389	55.931	ug/l	99
90) Hexachloroethane	12.543	117	51302	53.419	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	162403	49.426	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	24653	60.158	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	99756	50.022	ug/l	100
94) Hexachlorobutadiene	13.725	225	41226	51.112	ug/l	98
95) Naphthalene	13.774	128	339892	49.739	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	100396	49.631	ug/l	99

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

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