

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040122\
 Data File : VX027896.D
 Acq On : 01 Apr 2022 21:01
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/02/2022
 Supervised By : Mahesh Dadoda 04/02/2022

Quant Time: Apr 02 05:11:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 04:39:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	64023	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	105827	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	94768	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	47756	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	41210	49.887	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 99.780%			
35) Dibromofluoromethane	5.385	113	35327	51.717	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.440%			
50) Toluene-d8	8.653	98	120524	50.147	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.300%			
62) 4-Bromofluorobenzene	11.085	95	52429	51.333	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.660%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	28226	48.654	ug/l	99
3) Chloromethane	1.288	50	24790	48.356	ug/l	96
4) Vinyl Chloride	1.374	62	26465	50.336	ug/l	99
5) Bromomethane	1.599	94	10350	43.657	ug/l	93
6) Chloroethane	1.678	64	16051	45.289	ug/l	97
7) Trichlorofluoromethane	1.886	101	47023	50.984	ug/l	93
8) Diethyl Ether	2.130	74	17969	54.277	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.331	101	30571	50.995	ug/l	96
10) Methyl Iodide	2.453	142	34495	49.548	ug/l	94
11) Tert butyl alcohol	2.965	59	42479	267.706	ug/l	98
12) 1,1-Dichloroethene	2.319	96	26420	48.033	ug/l	97
13) Acrolein	2.233	56	39202	329.861	ug/l	99
14) Allyl chloride	2.666	41	48144	47.674	ug/l	92
15) Acrylonitrile	3.062	53	105587	283.388	ug/l	97
16) Acetone	2.380	43	89484	244.766	ug/l	93
17) Carbon Disulfide	2.514	76	43228	38.418	ug/l	95
18) Methyl Acetate	2.703	43	45085	50.026	ug/l	92
19) Methyl tert-butyl Ether	3.111	73	113946	54.372	ug/l	99
20) Methylene Chloride	2.788	84	32454	49.353	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	28261	47.337	ug/l	91
22) Diisopropyl ether	3.763	45	115048	56.846	ug/l	90
23) Vinyl Acetate	3.721	43	507452	290.215	ug/l #	91
24) 1,1-Dichloroethane	3.611	63	61484	54.001	ug/l	97
25) 2-Butanone	4.556	43	153981	289.458	ug/l	92
26) 2,2-Dichloropropane	4.483	77	43943	48.322	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	37730	52.410	ug/l	97
28) Bromochloromethane	4.903	49	26353	53.810	ug/l	97
29) Tetrahydrofuran	5.001	42	92799	271.574	ug/l	88
30) Chloroform	5.099	83	66903	52.859	ug/l	100
31) Cyclohexane	5.470	56	44636	48.881	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	56846	51.921	ug/l	99
36) 1,1-Dichloropropene	5.690	75	41794	48.578	ug/l	99
37) Ethyl Acetate	4.708	43	56718	53.178	ug/l	96
38) Carbon Tetrachloride	5.684	117	48514	51.039	ug/l	95
39) Methylcyclohexane	7.385	83	45013	44.461	ug/l	91
40) Benzene	6.044	78	123641	47.422	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	29761	52.459	ug/l	92
42) 1,2-Dichloroethane	6.092	62	49692	47.697	ug/l	97
43) Isopropyl Acetate	6.342	43	80956	47.389	ug/l	95
44) Trichloroethene	7.129	130	35039	49.451	ug/l	90
45) 1,2-Dichloropropane	7.434	63	36197	51.678	ug/l	99
46) Dibromomethane	7.580	93	26510	50.289	ug/l	90
47) Bromodichloromethane	7.824	83	53474	50.932	ug/l	98
48) Methyl methacrylate	7.696	41	46623	52.039	ug/l #	81
49) 1,4-Dioxane	7.659	88	17992	1017.322	ug/l #	90
51) 4-Methyl-2-Pentanone	8.574	43	321161	271.003	ug/l	88
52) Toluene	8.720	92	81073	49.366	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	52577	49.968	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	55173	49.795	ug/l #	83
55) 1,1,2-Trichloroethane	9.153	97	37376	51.311	ug/l	92
56) Ethyl methacrylate	9.116	69	60011	52.019	ug/l #	74
57) 1,3-Dichloropropane	9.311	76	62593	51.063	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	155521	270.018	ug/l	97
59) 2-Hexanone	9.433	43	250559	274.586	ug/l	84
60) Dibromochloromethane	9.525	129	39871	52.790	ug/l	96
61) 1,2-Dibromoethane	9.610	107	38943	51.165	ug/l	98
64) Tetrachloroethene	9.275	164	32001	49.803	ug/l	94
65) Chlorobenzene	10.079	112	92969	49.817	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	36783	52.524	ug/l	97
67) Ethyl Benzene	10.195	91	170224	50.265	ug/l	99
68) m/p-Xylenes	10.305	106	125472	100.737	ug/l	88
69) o-Xylene	10.646	106	62214	51.139	ug/l	88
70) Styrene	10.659	104	109192	52.806	ug/l	93
71) Bromoform	10.805	173	28318	50.436	ug/l #	100
73) Isopropylbenzene	10.963	105	169958	47.798	ug/l	98
74) N-amyl acetate	10.848	43	81031	50.593	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	11.213	83	62457	51.728	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	58382m	52.114	ug/l	
77) Bromobenzene	11.201	156	40336	49.757	ug/l	88
78) n-propylbenzene	11.305	91	205937	48.478	ug/l	97
79) 2-Chlorotoluene	11.366	91	126554	47.405	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	148545	48.145	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	17098	46.173	ug/l #	79
82) 4-Chlorotoluene	11.457	91	146791	47.916	ug/l	95
83) tert-Butylbenzene	11.719	119	145732	48.846	ug/l	87
84) 1,2,4-Trimethylbenzene	11.756	105	152239	49.486	ug/l	96
85) sec-Butylbenzene	11.890	105	183499	49.839	ug/l	98
86) p-Isopropyltoluene	12.012	119	152003	49.632	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	77885	48.808	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	79023	48.071	ug/l	96
89) n-Butylbenzene	12.335	91	135881	49.343	ug/l	96
90) Hexachloroethane	12.542	117	24565	49.946	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	77822	49.372	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15416	53.037	ug/l	77
93) 1,2,4-Trichlorobenzene	13.591	180	47417	49.190	ug/l	97
94) Hexachlorobutadiene	13.725	225	21444	50.341	ug/l	92
95) Naphthalene	13.780	128	172267	51.183	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	47306	50.094	ug/l	94

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

