

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032822\
 Data File : VX027767.D
 Acq On : 28 Mar 2022 22:00
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/29/2022
 Supervised By : Mahesh Dadoda 03/29/2022

Quant Time: Mar 29 05:43:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 16:26:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	58764	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	103829	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	96113	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	43651	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	48611	50.436	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.880%			
35) Dibromofluoromethane	5.385	113	35694	52.350	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.700%			
50) Toluene-d8	8.653	98	132214	50.162	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.320%			
62) 4-Bromofluorobenzene	11.085	95	56797	53.106	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 106.220%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	35560	52.169	ug/l	95
3) Chloromethane	1.294	50	33512	47.448	ug/l	99
4) Vinyl Chloride	1.374	62	33417	49.258	ug/l	97
5) Bromomethane	1.599	94	12390	45.490	ug/l	95
6) Chloroethane	1.679	64	19618	45.062	ug/l	100
7) Trichlorofluoromethane	1.886	101	49918	49.848	ug/l	95
8) Diethyl Ether	2.136	74	18654	51.615	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.325	101	32788	48.959	ug/l	93
10) Methyl Iodide	2.453	142	38372	54.390	ug/l #	88
11) Tert butyl alcohol	2.971	59	45246	252.135	ug/l	98
12) 1,1-Dichloroethene	2.319	96	29581	47.390	ug/l	88
13) Acrolein	2.233	56	37694	300.087	ug/l	98
14) Allyl chloride	2.666	41	59997	50.809	ug/l #	90
15) Acrylonitrile	3.062	53	111340	253.351	ug/l	98
16) Acetone	2.380	43	102148	250.599	ug/l	90
17) Carbon Disulfide	2.508	76	58449	34.902	ug/l	100
18) Methyl Acetate	2.703	43	52301	50.172	ug/l	90
19) Methyl tert-butyl Ether	3.117	73	125472	54.755	ug/l	98
20) Methylene Chloride	2.788	84	36178	49.747	ug/l #	86
21) trans-1,2-Dichloroethene	3.093	96	32488	46.793	ug/l	89
22) Diisopropyl ether	3.764	45	125740	53.443	ug/l	88
23) Vinyl Acetate	3.721	43	557602	271.023	ug/l #	90
24) 1,1-Dichloroethane	3.611	63	67927	50.952	ug/l	97
25) 2-Butanone	4.556	43	160311	244.892	ug/l	90
26) 2,2-Dichloropropane	4.477	77	49859	48.908	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	39397	50.944	ug/l	90
28) Bromochloromethane	4.897	49	30665	57.665	ug/l #	79
29) Tetrahydrofuran	5.007	42	104642	315.138	ug/l #	85
30) Chloroform	5.099	83	72458	54.237	ug/l	98
31) Cyclohexane	5.471	56	55925	47.854	ug/l	86
32) 1,1,1-Trichloroethane	5.385	97	60901	51.293	ug/l	96
36) 1,1-Dichloropropene	5.696	75	49210	45.693	ug/l	96
37) Ethyl Acetate	4.721	43	63239	50.448	ug/l	95
38) Carbon Tetrachloride	5.684	117	47694	45.318	ug/l	99
39) Methylcyclohexane	7.379	83	56220	45.381	ug/l #	87
40) Benzene	6.038	78	142066	47.754	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	35399	53.911	ug/l #	87
42) 1,2-Dichloroethane	6.092	62	54380	42.998	ug/l	95
43) Isopropyl Acetate	6.342	43	90088	47.585	ug/l	93
44) Trichloroethene	7.129	130	35963	46.721	ug/l	91
45) 1,2-Dichloropropane	7.434	63	41221	52.796	ug/l	100
46) Dibromomethane	7.580	93	27457	49.143	ug/l #	87
47) Bromodichloromethane	7.824	83	47892	43.770	ug/l	94
48) Methyl methacrylate	7.696	41	41842	46.870	ug/l	86
49) 1,4-Dioxane	7.659	88	18125	907.513	ug/l #	92
51) 4-Methyl-2-Pentanone	8.574	43	341271	262.588	ug/l	88
52) Toluene	8.720	92	91873	49.399	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	57814	47.745	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	62108	51.488	ug/l #	82
55) 1,1,2-Trichloroethane	9.153	97	38960	51.562	ug/l	97
56) Ethyl methacrylate	9.116	69	68353	55.346	ug/l #	75
57) 1,3-Dichloropropane	9.311	76	67692	49.663	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	163298	258.263	ug/l	94
59) 2-Hexanone	9.433	43	263247	259.199	ug/l	84
60) Dibromochloromethane	9.525	129	36413	49.818	ug/l	97
61) 1,2-Dibromoethane	9.610	107	40321	49.972	ug/l	99
64) Tetrachloroethene	9.275	164	34470	55.304	ug/l	94
65) Chlorobenzene	10.079	112	96099	47.458	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	34215	49.164	ug/l	97
67) Ethyl Benzene	10.195	91	178586	47.351	ug/l	100
68) m/p-Xylenes	10.305	106	134875	98.663	ug/l	95
69) o-Xylene	10.640	106	67971	49.481	ug/l	89
70) Styrene	10.659	104	118422	54.228	ug/l	94
71) Bromoform	10.799	173	24668	48.924	ug/l #	100
73) Isopropylbenzene	10.963	105	183919	51.298	ug/l	97
74) N-amyl acetate	10.848	43	92957	54.020	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	11.213	83	62404	49.397	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	61047m	50.230	ug/l	
77) Bromobenzene	11.201	156	40419	51.026	ug/l	80
78) n-propylbenzene	11.305	91	222480	52.301	ug/l	96
79) 2-Chlorotoluene	11.366	91	134624	50.200	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	159521	51.766	ug/l	93
81) trans-1,4-Dichloro-2-b...	11.018	75	17658	49.455	ug/l #	77
82) 4-Chlorotoluene	11.457	91	162538	52.686	ug/l	91
83) tert-Butylbenzene	11.719	119	146992	51.923	ug/l	83
84) 1,2,4-Trimethylbenzene	11.756	105	158421	50.650	ug/l	94
85) sec-Butylbenzene	11.890	105	194432	52.430	ug/l	95
86) p-Isopropyltoluene	12.012	119	157825	54.075	ug/l	91
87) 1,3-Dichlorobenzene	11.969	146	77424	52.277	ug/l	94
88) 1,4-Dichlorobenzene	12.043	146	76034	49.559	ug/l	95
89) n-Butylbenzene	12.335	91	151213	54.727	ug/l	93
90) Hexachloroethane	12.542	117	21917	47.055	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	73038	50.858	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16205	52.336	ug/l	60
93) 1,2,4-Trichlorobenzene	13.591	180	44971	53.130	ug/l	98
94) Hexachlorobutadiene	13.725	225	20236	49.095	ug/l	93
95) Naphthalene	13.774	128	186163	59.887	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	45803	54.134	ug/l	94

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

