

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033022\
 Data File : VX027822.D
 Acq On : 30 Mar 2022 19:45
 Operator : JC/MD
 Sample : N2041-06MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE117D1-20220317MS

Quant Time: Mar 31 05:52:31 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/31/2022
 Supervised By : Mahesh Dadoda 03/31/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	71443	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	114668	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	104585	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	49914	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	46898	50.876	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.760%			
35) Dibromofluoromethane	5.385	113	37948	51.270	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.540%			
50) Toluene-d8	8.653	98	123875	47.568	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 95.140%			
62) 4-Bromofluorobenzene	11.085	95	51069	46.146	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 92.300%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	34588	53.428	ug/l	98
3) Chloromethane	1.294	50	29001	50.695	ug/l	100
4) Vinyl Chloride	1.374	62	30148	51.386	ug/l	94
5) Bromomethane	1.599	94	11804	44.619	ug/l	100
6) Chloroethane	1.679	64	18611	47.058	ug/l	96
7) Trichlorofluoromethane	1.880	101	50835	49.393	ug/l	96
8) Diethyl Ether	2.136	74	18971	51.352	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.325	101	33491	50.064	ug/l	96
10) Methyl Iodide	2.453	142	37192	47.874	ug/l	# 88
11) Tert butyl alcohol	2.971	59	59154	334.075	ug/l	99
12) 1,1-Dichloroethene	2.319	96	30419	49.559	ug/l	93
13) Acrolein	2.239	56	38403	289.577	ug/l	95
14) Allyl chloride	2.660	41	58946	52.308	ug/l	# 86
15) Acrylonitrile	3.062	53	121994	293.418	ug/l	99
16) Acetone	2.380	43	117744	288.616	ug/l	89
17) Carbon Disulfide	2.508	76	53012	42.220	ug/l	99
18) Methyl Acetate	2.703	43	52535	52.239	ug/l	# 88
19) Methyl tert-butyl Ether	3.117	73	124398	53.195	ug/l	99
20) Methylene Chloride	2.788	84	35537	48.429	ug/l	# 85
21) trans-1,2-Dichloroethene	3.093	96	30852	46.310	ug/l	89
22) Diisopropyl ether	3.764	45	122597	54.285	ug/l	88
23) Vinyl Acetate	3.727	43	518262	265.614	ug/l	# 91
24) 1,1-Dichloroethane	3.611	63	67173	52.870	ug/l	97
25) 2-Butanone	4.562	43	182147	306.844	ug/l	93
26) 2,2-Dichloropropane	4.477	77	46182	45.510	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	41961	52.233	ug/l	98
28) Bromochloromethane	4.904	49	30403	55.633	ug/l	91
29) Tetrahydrofuran	5.007	42	109333	286.729	ug/l	89
30) Chloroform	5.099	83	75415	53.396	ug/l	96
31) Cyclohexane	5.471	56	48706	47.799	ug/l	91
32) 1,1,1-Trichloroethane	5.385	97	63943	52.338	ug/l	98
36) 1,1-Dichloropropene	5.696	75	45414	48.716	ug/l	100
37) Ethyl Acetate	4.715	43	58056	50.235	ug/l	97
38) Carbon Tetrachloride	5.684	117	52400	50.877	ug/l	99
39) Methylcyclohexane	7.385	83	48736	44.427	ug/l	89
40) Benzene	6.037	78	144477	51.141	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	36387	59.194	ug/l #	88
42) 1,2-Dichloroethane	6.092	62	59651	52.842	ug/l	96
43) Isopropyl Acetate	6.348	43	96637	52.206	ug/l #	92
44) Trichloroethene	7.129	130	106983	139.346	ug/l	88
45) 1,2-Dichloropropane	7.434	63	38949	51.320	ug/l	97
46) Dibromomethane	7.580	93	28890	50.578	ug/l	88
47) Bromodichloromethane	7.824	83	57265	50.338	ug/l	98
48) Methyl methacrylate	7.696	41	52529	54.111	ug/l #	79
49) 1,4-Dioxane	7.665	88	22707	1184.931	ug/l #	90
51) 4-Methyl-2-Pentanone	8.580	43	354206	275.842	ug/l	88
52) Toluene	8.720	92	88615	49.798	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	57357	50.308	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	59028	49.167	ug/l #	81
55) 1,1,2-Trichloroethane	9.153	97	40429	51.223	ug/l	96
56) Ethyl methacrylate	9.116	69	65493	52.393	ug/l #	73
57) 1,3-Dichloropropane	9.311	76	68220	51.362	ug/l	99
59) 2-Hexanone	9.433	43	280523	283.721	ug/l	83
60) Dibromochloromethane	9.525	129	41717	50.976	ug/l	98
61) 1,2-Dibromoethane	9.610	107	40893	49.585	ug/l	98
64) Tetrachloroethene	9.275	164	33496	47.236	ug/l #	86
65) Chlorobenzene	10.079	112	98196	47.678	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	38613	49.962	ug/l	97
67) Ethyl Benzene	10.195	91	182353	48.792	ug/l	98
68) m/p-Xylenes	10.305	106	131481	95.652	ug/l	88
69) o-Xylene	10.646	106	69187	51.532	ug/l	96
70) Styrene	10.659	104	116069	50.863	ug/l	96
71) Bromoform	10.805	173	30480	49.249	ug/l #	100
73) Isopropylbenzene	10.963	105	178554	48.045	ug/l	99
74) N-amyl acetate	10.848	43	65327	39.025	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	62917	49.856	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	58003m	49.537	ug/l	
77) Bromobenzene	11.201	156	43475	51.311	ug/l	95
78) n-propylbenzene	11.305	91	206244	46.452	ug/l	100
79) 2-Chlorotoluene	11.366	91	127698	45.766	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	155944	48.358	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	17094	44.319	ug/l #	86
82) 4-Chlorotoluene	11.457	91	147566	46.086	ug/l	99
83) tert-Butylbenzene	11.719	119	154074	49.410	ug/l	91
84) 1,2,4-Trimethylbenzene	11.756	105	157182	48.884	ug/l	97
85) sec-Butylbenzene	11.890	105	186111	48.363	ug/l	98
86) p-Isopropyltoluene	12.012	119	151811	47.427	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	79821	47.858	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	78003	45.399	ug/l	96
89) n-Butylbenzene	12.335	91	133533	46.394	ug/l	96
90) Hexachloroethane	12.542	117	24440	47.544	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	75707	45.953	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16273	53.565	ug/l	73
93) 1,2,4-Trichlorobenzene	13.591	180	43940	43.613	ug/l	98
94) Hexachlorobutadiene	13.725	225	19871	44.724	ug/l	93
95) Naphthalene	13.780	128	166337	47.285	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	45488	46.087	ug/l	94

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

