

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031722\
 Data File : VX027493.D
 Acq On : 17 Mar 2022 17:44
 Operator : JC/MD
 Sample : VX0317WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0317WBS01

Quant Time: Mar 18 02:05:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/18/2022
 Supervised By : Mahesh Dadoda 03/18/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	339770	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	521229	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	464454	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	235929	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	215215	51.418	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.840%			
35) Dibromofluoromethane	5.391	113	178473	53.220	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.440%			
50) Toluene-d8	8.653	98	654203	51.553	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.100%			
62) 4-Bromofluorobenzene	11.085	95	238585	51.152	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.300%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	70161	21.513	ug/l	100
3) Chloromethane	1.294	50	58972	20.369	ug/l	99
4) Vinyl Chloride	1.374	62	67649	20.223	ug/l	100
5) Bromomethane	1.599	94	48713	25.820	ug/l	96
6) Chloroethane	1.684	64	42226	20.571	ug/l	97
7) Trichlorofluoromethane	1.886	101	108567	19.661	ug/l	94
8) Diethyl Ether	2.136	74	38880	18.902	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.325	101	68621	20.868	ug/l	96
10) Methyl Iodide	2.453	142	77616	17.831	ug/l	94
11) Tert butyl alcohol	2.965	59	78525	98.439	ug/l	99
12) 1,1-Dichloroethene	2.318	96	62790	19.902	ug/l	99
13) Acrolein	2.239	56	58349	94.261	ug/l	95
14) Allyl chloride	2.666	41	96775	19.602	ug/l	93
15) Acrylonitrile	3.068	53	184623	101.803	ug/l	99
16) Acetone	2.379	43	169983	99.633	ug/l	90
17) Carbon Disulfide	2.507	76	155165	19.328	ug/l	99
18) Methyl Acetate	2.703	43	81453	19.921	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	212659	19.978	ug/l	99
20) Methylene Chloride	2.788	84	68928	18.791	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	67501	20.057	ug/l	99
22) Diisopropyl ether	3.763	45	195133	20.239	ug/l #	87
23) Vinyl Acetate	3.727	43	850968	101.492	ug/l	96
24) 1,1-Dichloroethane	3.611	63	117946	20.114	ug/l	98
25) 2-Butanone	4.562	43	258386	100.663	ug/l	97
26) 2,2-Dichloropropane	4.477	77	96200	20.090	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	78233	20.045	ug/l	99
28) Bromochloromethane	4.903	49	46189	19.526	ug/l	93
29) Tetrahydrofuran	5.013	42	167134	101.499	ug/l	93
30) Chloroform	5.098	83	129280	19.986	ug/l	99
31) Cyclohexane	5.470	56	106018	20.398	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	116659	19.808	ug/l	99
36) 1,1-Dichloropropene	5.696	75	93850	20.479	ug/l	99
37) Ethyl Acetate	4.721	43	98086	21.480	ug/l	99
38) Carbon Tetrachloride	5.678	117	107449	20.494	ug/l	98
39) Methylcyclohexane	7.379	83	118742	20.605	ug/l	96
40) Benzene	6.043	78	269426	20.492	ug/l	99

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41) Methacrylonitrile	4.922	41	53001	21.282	ug/l	94
42) 1,2-Dichloroethane	6.092	62	104611	21.230	ug/l	98
43) Isopropyl Acetate	6.342	43	150704	20.506	ug/l	95
44) Trichloroethene	7.129	130	79792	19.992	ug/l	98
45) 1,2-Dichloropropane	7.433	63	67106	20.039	ug/l	96
46) Dibromomethane	7.580	93	52323	20.453	ug/l	99
47) Bromodichloromethane	7.824	83	98624	20.475	ug/l	98
48) Methyl methacrylate	7.696	41	76328	20.986	ug/l	88
49) 1,4-Dioxane	7.665	88	37136	397.528	ug/l	97
51) 4-Methyl-2-Pentanone	8.573	43	497345	106.011	ug/l	94
52) Toluene	8.720	92	178479	20.258	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	98406	19.905	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	108044	20.081	ug/l #	91
55) 1,1,2-Trichloroethane	9.153	97	73505	20.490	ug/l	99
56) Ethyl methacrylate	9.116	69	107904	20.104	ug/l #	87
57) 1,3-Dichloropropane	9.311	76	118673	20.377	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	279661	102.202	ug/l	99
59) 2-Hexanone	9.433	43	382211	105.779	ug/l	90
60) Dibromochloromethane	9.525	129	78365	19.845	ug/l	96
61) 1,2-Dibromoethane	9.610	107	77500	19.656	ug/l	97
64) Tetrachloroethene	9.275	164	76668	21.231	ug/l	97
65) Chlorobenzene	10.079	112	194239	20.330	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	73063	20.496	ug/l	98
67) Ethyl Benzene	10.195	91	340654	20.830	ug/l	97
68) m/p-Xylenes	10.305	106	266750	41.426	ug/l	99
69) o-Xylene	10.646	106	129217	20.668	ug/l	98
70) Styrene	10.658	104	210850	20.645	ug/l	97
71) Bromoform	10.799	173	55779	19.587	ug/l #	100
73) Isopropylbenzene	10.963	105	347011	20.193	ug/l	99
74) N-amyl acetate	10.847	43	117085	19.215	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	106750	19.611	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	98026m	19.864	ug/l	
77) Bromobenzene	11.201	156	85026	19.630	ug/l	96
78) n-propylbenzene	11.305	91	385520	20.437	ug/l	99
79) 2-Chlorotoluene	11.366	91	234993	19.858	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	292687	20.237	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	29470	18.137	ug/l #	86
82) 4-Chlorotoluene	11.457	91	267778	19.875	ug/l	98
83) tert-Butylbenzene	11.719	119	289467	20.203	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	293465	20.346	ug/l	100
85) sec-Butylbenzene	11.890	105	366847	21.187	ug/l	100
86) p-Isopropyltoluene	12.012	119	315865	21.239	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	164565	20.505	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	158744	19.548	ug/l	98
89) n-Butylbenzene	12.335	91	243916	19.653	ug/l	98
90) Hexachloroethane	12.542	117	45058	18.998	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	153225	19.554	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	24981	20.009	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	106349	21.174	ug/l	98
94) Hexachlorobutadiene	13.725	225	47646	21.475	ug/l	93
95) Naphthalene	13.780	128	354956	21.709	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	104854	20.638	ug/l	97

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

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