

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030222\
 Data File : VX027267.D
 Acq On : 02 Mar 2022 14:36
 Operator : JC/MD
 Sample : VX0302WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0302WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Mar 03 00:06:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 13:06:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	74025	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	115176	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	104847	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	51783	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	45874	51.599	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.200%			
35) Dibromofluoromethane	5.385	113	37546	52.518	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.040%			
50) Toluene-d8	8.647	98	138327	51.747	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.500%			
62) 4-Bromofluorobenzene	11.079	95	51849	50.530	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.060%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	12685	17.239	ug/l	98
3) Chloromethane	1.295	50	11245	16.348	ug/l	98
4) Vinyl Chloride	1.374	62	10604	15.477	ug/l	96
5) Bromomethane	1.605	94	6477	21.079	ug/l	97
6) Chloroethane	1.685	64	7125	16.936	ug/l	97
7) Trichlorofluoromethane	1.892	101	19315	18.126	ug/l	97
8) Diethyl Ether	2.136	74	6570	17.714	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	14433	19.443	ug/l	96
10) Methyl Iodide	2.453	142	11453	11.490	ug/l	96
11) Tert butyl alcohol	2.965	59	16311	94.295	ug/l	96
12) 1,1-Dichloroethene	2.319	96	13392	18.583	ug/l	93
13) Acrolein	2.240	56	14251	89.133	ug/l	100
14) Allyl chloride	2.666	41	23107	18.211	ug/l	95
15) Acrylonitrile	3.069	53	45078	101.557	ug/l	99
16) Acetone	2.380	43	37466	95.982	ug/l	94
17) Carbon Disulfide	2.514	76	31856	17.000	ug/l	99
18) Methyl Acetate	2.703	43	19992	19.843	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	48232	19.505	ug/l	99
20) Methylene Chloride	2.788	84	15880	19.628	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	14848	19.320	ug/l	92
22) Diisopropyl ether	3.764	45	48716	19.695	ug/l	98
23) Vinyl Acetate	3.727	43	208609	99.870	ug/l	97
24) 1,1-Dichloroethane	3.611	63	26358	18.850	ug/l	98
25) 2-Butanone	4.556	43	61440	98.836	ug/l	96
26) 2,2-Dichloropropane	4.477	77	18655	18.390	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	17308	19.419	ug/l	94
28) Bromochloromethane	4.904	49	12233	21.624	ug/l	90
29) Tetrahydrofuran	5.007	42	41009	98.567	ug/l	96
30) Chloroform	5.105	83	28166	19.393	ug/l	94
31) Cyclohexane	5.477	56	23843	17.907	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	24284	19.315	ug/l	99
36) 1,1-Dichloropropene	5.696	75	20634	19.776	ug/l	99
37) Ethyl Acetate	4.721	43	23292	20.332	ug/l	98
38) Carbon Tetrachloride	5.684	117	21336	19.607	ug/l	100
39) Methylcyclohexane	7.379	83	24420	18.815	ug/l	94
40) Benzene	6.044	78	60779	19.920	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	12828	20.413	ug/l	93
42) 1,2-Dichloroethane	6.086	62	22236	20.543	ug/l	97
43) Isopropyl Acetate	6.342	43	35849	20.343	ug/l	97
44) Trichloroethene	7.129	130	17387	19.049	ug/l	95
45) 1,2-Dichloropropane	7.434	63	15128	20.292	ug/l	90
46) Dibromomethane	7.586	93	10897	20.350	ug/l	94
47) Bromodichloromethane	7.824	83	20817	19.918	ug/l	98
48) Methyl methacrylate	7.696	41	18235	21.377	ug/l	96
49) 1,4-Dioxane	7.659	88	7887	408.989	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	118690	103.622	ug/l	97
52) Toluene	8.720	92	39105	20.015	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	20834	19.541	ug/l	99
54) cis-1,3-Dichloropropene	8.373	75	24348	20.870	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	16521	21.350	ug/l	96
56) Ethyl methacrylate	9.116	69	24700	20.502	ug/l	92
57) 1,3-Dichloropropane	9.311	76	26874	20.879	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	60886	104.844	ug/l	97
59) 2-Hexanone	9.433	43	89560	102.303	ug/l	96
60) Dibromochloromethane	9.525	129	16831	20.966	ug/l	98
61) 1,2-Dibromoethane	9.610	107	16758	20.335	ug/l	100
64) Tetrachloroethene	9.275	164	17341	18.281	ug/l	94
65) Chlorobenzene	10.080	112	41975	19.640	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	15403	19.873	ug/l	99
67) Ethyl Benzene	10.195	91	72901	19.430	ug/l	97
68) m/p-Xylenes	10.305	106	57026	39.536	ug/l	96
69) o-Xylene	10.640	106	27877	19.257	ug/l	97
70) Styrene	10.659	104	46886	19.793	ug/l	97
71) Bromoform	10.799	173	11885	19.884	ug/l #	96
73) Isopropylbenzene	10.964	105	75294	20.320	ug/l	100
74) N-amyl acetate	10.848	43	27832	19.741	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.214	83	23336	21.322	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	21873m	20.971	ug/l	
77) Bromobenzene	11.201	156	18531	20.050	ug/l	92
78) n-propylbenzene	11.305	91	83206	19.757	ug/l	98
79) 2-Chlorotoluene	11.366	91	51993	20.147	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	62739	20.136	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	5784	19.599	ug/l	97
82) 4-Chlorotoluene	11.457	91	58833	19.956	ug/l	96
83) tert-Butylbenzene	11.713	119	61294	20.231	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	61945	19.987	ug/l	96
85) sec-Butylbenzene	11.890	105	75806	19.955	ug/l	98
86) p-Isopropyltoluene	12.012	119	65105	20.103	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	34928	20.084	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	34692	19.510	ug/l	99
89) n-Butylbenzene	12.335	91	52263	19.308	ug/l	99
90) Hexachloroethane	12.543	117	9663	19.263	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	34477	20.318	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5029	19.792	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	20942	19.557	ug/l	99
94) Hexachlorobutadiene	13.725	225	8494	19.106	ug/l	97
95) Naphthalene	13.780	128	74813	20.560	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	22157	20.643	ug/l	99

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

