

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091922\
 Data File : VX031462.D
 Acq On : 19 Sep 2022 15:59
 Operator : JC/MD
 Sample : VX0919WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0919WBSD01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/21/2022
 Supervised By :Mahesh Dadoda 09/21/2022

Quant Time: Sep 20 09:48:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	51061	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	77361	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	83519	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59049	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	45359	48.312	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.620%		
35) Dibromofluoromethane	5.385	113	38421	48.021	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.040%		
50) Toluene-d8	8.647	98	139894	45.389	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.780%		
62) 4-Bromofluorobenzene	11.079	95	46475	44.516	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.040%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	15711	21.401	ug/l	99
3) Chloromethane	1.288	50	17674	18.147	ug/l	98
4) Vinyl Chloride	1.368	62	21225	19.112	ug/l	98
5) Bromomethane	1.612	94	34157	21.600	ug/l	99
6) Chloroethane	1.685	64	19924	18.865	ug/l	100
7) Trichlorofluoromethane	1.886	101	48524	19.263	ug/l	99
8) Diethyl Ether	2.130	74	16045	18.494	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.325	101	14980	18.220	ug/l	91
10) Methyl Iodide	2.453	142	13627	17.131	ug/l	99
11) Tert butyl alcohol	2.989	59	23432	99.193	ug/l	96
12) 1,1-Dichloroethene	2.319	96	13737	17.284	ug/l	90
13) Acrolein	2.239	56	9556	86.429	ug/l	99
14) Allyl chloride	2.660	41	22345	17.240	ug/l	96
15) Acrylonitrile	3.069	53	45211	91.746	ug/l	100
16) Acetone	2.386	43	39482	98.319	ug/l	94
17) Carbon Disulfide	2.508	76	36430	17.012	ug/l	98
18) Methyl Acetate	2.709	43	24954	17.833	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	50660	17.624	ug/l	100
20) Methylene Chloride	2.788	84	16992	18.855	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	15206	16.943	ug/l	95
22) Diisopropyl ether	3.764	45	48203	17.174	ug/l	96
23) Vinyl Acetate	3.721	43	212545	88.550	ug/l	99
24) 1,1-Dichloroethane	3.611	63	27386	17.266	ug/l	97
25) 2-Butanone	4.568	43	66450	91.915	ug/l	97
26) 2,2-Dichloropropane	4.471	77	23082	16.475	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	18211	16.836	ug/l	90
28) Bromochloromethane	4.898	49	13073	20.632	ug/l	93
29) Tetrahydrofuran	5.007	42	42869	90.926	ug/l	96
30) Chloroform	5.093	83	30510	17.539	ug/l	95
31) Cyclohexane	5.464	56	23298	16.774	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	26506	16.775	ug/l	98
36) 1,1-Dichloropropene	5.690	75	21864	17.780	ug/l	98
37) Ethyl Acetate	4.715	43	25187	17.169	ug/l	98
38) Carbon Tetrachloride	5.678	117	23073	16.928	ug/l	96
39) Methylcyclohexane	7.385	83	26625	17.597	ug/l	96
40) Benzene	6.038	78	64981	17.713	ug/l	99

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41) Methacrylonitrile	4.928	41	12791	17.512	ug/l	93
42) 1,2-Dichloroethane	6.086	62	24654	18.233	ug/l	99
43) Isopropyl Acetate	6.342	43	40135	17.801	ug/l	98
44) Trichloroethene	7.123	130	17479	16.804	ug/l	97
45) 1,2-Dichloropropane	7.434	63	16181	17.547	ug/l	95
46) Dibromomethane	7.580	93	12908	18.184	ug/l	93
47) Bromodichloromethane	7.824	83	23138	17.337	ug/l	98
48) Methyl methacrylate	7.696	41	18449	17.910	ug/l	91
49) 1,4-Dioxane	7.690	88	9365	398.106	ug/l	93
51) 4-Methyl-2-Pentanone	8.574	43	133459	92.027	ug/l	100
52) Toluene	8.720	92	41782	17.463	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	24419	17.681	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	26002	17.215	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	17702	17.956	ug/l	98
56) Ethyl methacrylate	9.116	69	25139	17.929	ug/l	95
57) 1,3-Dichloropropane	9.311	76	28391	17.549	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.244	63	53918	92.898	ug/l	95
59) 2-Hexanone	9.433	43	103674	95.189	ug/l	99
60) Dibromochloromethane	9.525	129	18065	17.256	ug/l	100
61) 1,2-Dibromoethane	9.610	107	18802	17.703	ug/l	98
64) Tetrachloroethene	9.275	164	17231	17.177	ug/l	96
65) Chlorobenzene	10.080	112	46081	17.892	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	16961	18.252	ug/l	98
67) Ethyl Benzene	10.195	91	80413	17.683	ug/l	99
68) m/p-Xylenes	10.305	106	63509	34.752	ug/l	99
69) o-Xylene	10.640	106	30325	17.385	ug/l	99
70) Styrene	10.659	104	49440	17.215	ug/l	98
71) Bromoform	10.799	173	12531	16.854	ug/l #	97
73) Isopropylbenzene	10.964	105	80130	18.172	ug/l	99
74) N-amyl acetate	10.848	43	34350	19.219	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	27873	21.067	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	25021m	18.985	ug/l	
77) Bromobenzene	11.201	156	19667	18.097	ug/l	94
78) n-propylbenzene	11.305	91	93679	18.466	ug/l	99
79) 2-Chlorotoluene	11.366	91	53545	17.732	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	67632	18.073	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.024	75	7230	17.664	ug/l	88
82) 4-Chlorotoluene	11.457	91	62550	17.651	ug/l	98
83) tert-Butylbenzene	11.713	119	66419	18.312	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	67238	18.244	ug/l	99
85) sec-Butylbenzene	11.890	105	84883	18.493	ug/l	99
86) p-Isopropyltoluene	12.012	119	70677	18.235	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	37968	18.227	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	38277	17.617	ug/l	98
89) n-Butylbenzene	12.335	91	60251	18.249	ug/l	98
90) Hexachloroethane	12.542	117	11776	17.681	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	37838	18.038	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5504	18.165	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	22720	19.657	ug/l	97
94) Hexachlorobutadiene	13.725	225	8795	19.315	ug/l	97
95) Naphthalene	13.780	128	79952	18.887	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	23053	19.351	ug/l	97

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

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