

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
 Data File : VX031519.D
 Acq On : 21 Sep 2022 13:09
 Operator : JC/MD
 Sample : VX0921WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0921WBSD01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/22/2022
 Supervised By :Mahesh Dadoda 09/22/2022

Quant Time: Sep 22 01:12:24 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	5.556	168	34408	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	55788	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	61411	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	42333	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	38550	61.220	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 122.440%			
35) Dibromofluoromethane	5.385	113	31691	55.032	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.060%			
50) Toluene-d8	8.647	98	107876	48.535	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.060%			
62) 4-Bromofluorobenzene	11.079	95	36418	48.372	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.740%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	10517	21.259	ug/l	91
3) Chloromethane	1.288	50	13899	21.178	ug/l	97
4) Vinyl Chloride	1.374	62	15303	20.448	ug/l	99
5) Bromomethane	1.612	94	22638	21.245	ug/l	98
6) Chloroethane	1.685	64	20088	29.791	ug/l	97
7) Trichlorofluoromethane	1.886	101	31913	18.800	ug/l	96
8) Diethyl Ether	2.136	74	13951	23.863	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.331	101	10430	18.826	ug/l	92
10) Methyl Iodide	2.453	142	11328	21.133	ug/l	98
11) Tert butyl alcohol	2.995	59	22403m	156.168	ug/l	
12) 1,1-Dichloroethene	2.319	96	9862	18.414	ug/l	97
13) Acrolein	2.239	56	10509	148.703	ug/l	99
14) Allyl chloride	2.666	41	17055	19.527	ug/l	95
15) Acrylonitrile	3.069	53	43926	132.280	ug/l	99
16) Acetone	2.392	43	37481	144.414	ug/l	100
17) Carbon Disulfide	2.514	76	23524	16.302	ug/l	99
18) Methyl Acetate	2.709	43	23982	25.433	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	46524	24.019	ug/l	97
20) Methylene Chloride	2.788	84	14108	23.801	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	11990	19.825	ug/l	92
22) Diisopropyl ether	3.764	45	42578	22.512	ug/l	94
23) Vinyl Acetate	3.727	43	192176	118.814	ug/l	97
24) 1,1-Dichloroethane	3.611	63	22289	20.854	ug/l	97
25) 2-Butanone	4.568	43	62809	128.926	ug/l	97
26) 2,2-Dichloropropane	4.477	77	15368	16.278	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	14859	20.385	ug/l	88
28) Bromochloromethane	4.904	49	9276	21.725	ug/l	90
29) Tetrahydrofuran	5.013	42	40338	126.966	ug/l	95
30) Chloroform	5.099	83	25314	21.595	ug/l	94
31) Cyclohexane	5.477	56	17151	18.325	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	20131	18.907	ug/l	99
36) 1,1-Dichloropropene	5.696	75	15690	17.693	ug/l	95
37) Ethyl Acetate	4.721	43	24658	23.309	ug/l	98
38) Carbon Tetrachloride	5.684	117	16683	16.973	ug/l	95
39) Methylcyclohexane	7.385	83	19389	17.770	ug/l	91
40) Benzene	6.044	78	51597	19.504	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	11970	22.726	ug/l	93
42) 1,2-Dichloroethane	6.092	62	21119	21.658	ug/l	98
43) Isopropyl Acetate	6.342	43	37272	22.923	ug/l	97
44) Trichloroethene	7.129	130	13764	18.350	ug/l	81
45) 1,2-Dichloropropane	7.434	63	13751	20.678	ug/l	91
46) Dibromomethane	7.586	93	11307	22.089	ug/l	93
47) Bromodichloromethane	7.824	83	19586	20.351	ug/l	97
48) Methyl methacrylate	7.696	41	16219	21.834	ug/l	86
49) 1,4-Dioxane	7.696	88	9402	554.233	ug/l	93
51) 4-Methyl-2-Pentanone	8.574	43	126101	120.578	ug/l	100
52) Toluene	8.720	92	33468	19.397	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	19271	19.350	ug/l	98
54) cis-1,3-Dichloropropene	8.373	75	21497	19.736	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	15610	21.957	ug/l	98
56) Ethyl methacrylate	9.116	69	23348	23.090	ug/l	93
57) 1,3-Dichloropropane	9.311	76	25984	22.272	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	44808	107.029	ug/l	95
59) 2-Hexanone	9.433	43	96021	122.254	ug/l	100
60) Dibromochloromethane	9.519	129	15564	20.616	ug/l	97
61) 1,2-Dibromoethane	9.610	107	17148	22.389	ug/l	99
64) Tetrachloroethene	9.275	164	13625	18.471	ug/l	95
65) Chlorobenzene	10.079	112	36934	19.503	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	13457	19.695	ug/l	96
67) Ethyl Benzene	10.195	91	61485	18.388	ug/l	97
68) m/p-Xylenes	10.305	106	48391	36.012	ug/l	97
69) o-Xylene	10.640	106	24133	18.816	ug/l	97
70) Styrene	10.659	104	39611	18.758	ug/l	96
71) Bromoform	10.799	173	11017	20.152	ug/l #	97
73) Isopropylbenzene	10.964	105	62309	19.710	ug/l	99
74) N-amyl acetate	10.848	43	29698	23.178	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	25176	27.557	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	22038m	23.325	ug/l	
77) Bromobenzene	11.201	156	15644	20.079	ug/l	93
78) n-propylbenzene	11.305	91	69415	19.086	ug/l	100
79) 2-Chlorotoluene	11.366	91	41149	19.008	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	50745	18.915	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	6129	20.887	ug/l	87
82) 4-Chlorotoluene	11.457	91	47521	18.705	ug/l	95
83) tert-Butylbenzene	11.713	119	50202	19.307	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	51090	19.337	ug/l	99
85) sec-Butylbenzene	11.890	105	62237	18.913	ug/l	99
86) p-Isopropyltoluene	12.012	119	53435	19.230	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	28974	19.402	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	30083	19.313	ug/l	99
89) n-Butylbenzene	12.335	91	42807	18.085	ug/l	96
90) Hexachloroethane	12.542	117	8519	17.842	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	29797	19.814	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5360	24.675	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	17032	20.554	ug/l	96
94) Hexachlorobutadiene	13.725	225	6028	18.364	ug/l	96
95) Naphthalene	13.774	128	70584	23.258	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	18378	21.518	ug/l	96

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

