

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
 Data File : VX031514.D
 Acq On : 21 Sep 2022 11:01
 Operator : JC/MD
 Sample : VX0921WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0921WBS01

Manual Integrations
 APPROVED

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

Quant Time: Sep 22 01:11:26 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	48176	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	73771	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	80239	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58815	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	45101	50.973	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.940%			
35) Dibromofluoromethane	5.385	113	38717	50.788	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.580%			
50) Toluene-d8	8.647	98	143570	48.848	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.700%			
62) 4-Bromofluorobenzene	11.079	95	47798	48.011	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.020%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	15504	22.383	ug/l	99
3) Chloromethane	1.294	50	18480	20.111	ug/l	98
4) Vinyl Chloride	1.374	62	22775	21.736	ug/l	99
5) Bromomethane	1.618	94	25316	16.968	ug/l	99
6) Chloroethane	1.691	64	26327	27.683	ug/l	95
7) Trichlorofluoromethane	1.886	101	46036	19.369	ug/l	99
8) Diethyl Ether	2.136	74	15288	18.676	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	16033	20.669	ug/l	95
10) Methyl Iodide	2.453	142	15564	20.738	ug/l	99
11) Tert butyl alcohol	3.001	59	21281	94.104	ug/l	98
12) 1,1-Dichloroethene	2.319	96	14327	19.106	ug/l	90
13) Acrolein	2.239	56	10647	104.254	ug/l	97
14) Allyl chloride	2.666	41	22509	18.407	ug/l	93
15) Acrylonitrile	3.069	53	46136	99.229	ug/l	98
16) Acetone	2.392	43	39804	106.046	ug/l	98
17) Carbon Disulfide	2.514	76	36202	17.918	ug/l	98
18) Methyl Acetate	2.709	43	25144	19.045	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	53274	19.643	ug/l	98
20) Methylene Chloride	2.788	84	16566	19.565	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	16177	19.104	ug/l	89
22) Diisopropyl ether	3.764	45	51185	19.329	ug/l	95
23) Vinyl Acetate	3.721	43	219178	96.782	ug/l	99
24) 1,1-Dichloroethane	3.611	63	29023	19.394	ug/l	94
25) 2-Butanone	4.562	43	65703	96.324	ug/l	96
26) 2,2-Dichloropropane	4.477	77	23545	17.811	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	19110	18.725	ug/l	90
28) Bromochloromethane	4.904	49	11325	18.943	ug/l	95
29) Tetrahydrofuran	5.013	42	42387	95.287	ug/l	96
30) Chloroform	5.099	83	31263	19.048	ug/l	99
31) Cyclohexane	5.464	56	24958	19.046	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	28129	18.869	ug/l	98
36) 1,1-Dichloropropene	5.690	75	22719	19.375	ug/l	97
37) Ethyl Acetate	4.715	43	25716	18.383	ug/l	98
38) Carbon Tetrachloride	5.678	117	24370	18.749	ug/l	95
39) Methylcyclohexane	7.385	83	28208	19.551	ug/l	91
40) Benzene	6.037	78	67566	19.314	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	13127	18.847	ug/l	98
42) 1,2-Dichloroethane	6.086	62	25225	19.563	ug/l	99
43) Isopropyl Acetate	6.342	43	40727	18.942	ug/l	99
44) Trichloroethene	7.123	130	18799	18.953	ug/l	95
45) 1,2-Dichloropropane	7.434	63	16307	18.544	ug/l	100
46) Dibromomethane	7.580	93	12658	18.700	ug/l	93
47) Bromodichloromethane	7.824	83	23583	18.530	ug/l	98
48) Methyl methacrylate	7.690	41	17996	18.321	ug/l	89
49) 1,4-Dioxane	7.708	88	9435	420.600	ug/l	93
51) 4-Methyl-2-Pentanone	8.574	43	134902	97.549	ug/l	99
52) Toluene	8.720	92	44823	19.646	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	24666	18.729	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	26844	18.638	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	18097	19.250	ug/l	96
56) Ethyl methacrylate	9.116	69	26762	20.015	ug/l	93
57) 1,3-Dichloropropane	9.311	76	30351	19.673	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	50549	91.334	ug/l	97
59) 2-Hexanone	9.433	43	102199	98.401	ug/l	100
60) Dibromochloromethane	9.519	129	18723	18.755	ug/l	97
61) 1,2-Dibromoethane	9.610	107	19455	19.209	ug/l	100
64) Tetrachloroethene	9.275	164	19502	20.235	ug/l	94
65) Chlorobenzene	10.079	112	48698	19.681	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	17922	20.075	ug/l	98
67) Ethyl Benzene	10.195	91	84597	19.364	ug/l	98
68) m/p-Xylenes	10.299	106	68215	38.853	ug/l	98
69) o-Xylene	10.640	106	32772	19.556	ug/l	96
70) Styrene	10.653	104	53803	19.500	ug/l	97
71) Bromoform	10.799	173	12755	17.856	ug/l #	98
73) Isopropylbenzene	10.963	105	87652	19.957	ug/l	99
74) N-amyl acetate	10.842	43	35189	19.767	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	28085	21.357	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	22606m	17.221	ug/l	
77) Bromobenzene	11.195	156	21268	19.648	ug/l	91
78) n-propylbenzene	11.305	91	99593	19.710	ug/l	99
79) 2-Chlorotoluene	11.366	91	59183	19.677	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	71839	19.274	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	7412	18.181	ug/l	90
82) 4-Chlorotoluene	11.457	91	66715	18.901	ug/l	97
83) tert-Butylbenzene	11.713	119	71134	19.690	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	73635	20.060	ug/l	100
85) sec-Butylbenzene	11.890	105	89716	19.623	ug/l	100
86) p-Isopropyltoluene	12.012	119	76207	19.740	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	40192	19.371	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	41969	19.393	ug/l	98
89) n-Butylbenzene	12.335	91	64757	19.692	ug/l	98
90) Hexachloroethane	12.536	117	12228	18.433	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	40576	19.420	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5863	19.427	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	24666	21.425	ug/l	98
94) Hexachlorobutadiene	13.725	225	9217	20.452	ug/l	96
95) Naphthalene	13.774	128	88494	20.988	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	24818	20.915	ug/l	96

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

