

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112421\
 Data File : VX025318.D
 Acq On : 24 Nov 2021 11:34
 Operator : JC/MD
 Sample : VX1124WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1124WBS01

Quant Time: Nov 26 10:31:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/26/2021
 Supervised By : Mahesh Dadoda 11/26/2021

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	104866	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	161501	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	147494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74812	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	57132	51.686	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.380%			
35) Dibromofluoromethane	5.385	113	51389	51.860	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.720%			
50) Toluene-d8	8.647	98	190902	51.239	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.480%			
62) 4-Bromofluorobenzene	11.079	95	71278	50.571	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.140%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	19752	21.729	ug/l	99
3) Chloromethane	1.294	50	20628	18.327	ug/l	99
4) Vinyl Chloride	1.374	62	23009	18.620	ug/l	95
5) Bromomethane	1.599	94	15313	28.823	ug/l	99
6) Chloroethane	1.685	64	14985	17.575	ug/l	98
7) Trichlorofluoromethane	1.886	101	34580	18.853	ug/l	98
8) Diethyl Ether	2.136	74	13871	18.325	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	19949	20.441	ug/l	96
10) Methyl Iodide	2.453	142	22567	18.494	ug/l	92
11) Tert butyl alcohol	2.959	59	25237	86.450	ug/l	96
12) 1,1-Dichloroethene	2.319	96	18651	19.189	ug/l	90
13) Acrolein	2.233	56	4626	91.353	ug/l	93
14) Allyl chloride	2.666	41	31543	17.932	ug/l	95
15) Acrylonitrile	3.062	53	55461	93.500	ug/l	98
16) Acetone	2.380	43	57942	94.337	ug/l	95
17) Carbon Disulfide	2.514	76	45164	16.518	ug/l	96
18) Methyl Acetate	2.703	43	35550	18.116	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	64409	19.019	ug/l	95
20) Methylene Chloride	2.788	84	21147	18.316	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	20217	18.987	ug/l	88
22) Diisopropyl ether	3.763	45	63431	18.935	ug/l	95
23) Vinyl Acetate	3.721	43	250510	93.097	ug/l	96
24) 1,1-Dichloroethane	3.611	63	35339	19.307	ug/l	98
25) 2-Butanone	4.556	43	83781	94.347	ug/l	98
26) 2,2-Dichloropropane	4.477	77	31543	19.008	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	24012	19.311	ug/l	90
28) Bromochloromethane	4.897	49	16985	19.900	ug/l	92
29) Tetrahydrofuran	5.007	42	49804	90.580	ug/l	97
30) Chloroform	5.092	83	37063	19.457	ug/l	95
31) Cyclohexane	5.470	56	32123	18.806	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	33568	19.248	ug/l	98
36) 1,1-Dichloropropene	5.696	75	27075	19.215	ug/l	97
37) Ethyl Acetate	4.714	43	29321	18.290	ug/l	99
38) Carbon Tetrachloride	5.678	117	29821	19.215	ug/l	99
39) Methylcyclohexane	7.379	83	34019	18.822	ug/l	95
40) Benzene	6.037	78	82168	19.250	ug/l	96

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41) Methacrylonitrile	4.922	41	16802	18.883	ug/l	96
42) 1,2-Dichloroethane	6.086	62	27956	20.129	ug/l	93
43) Isopropyl Acetate	6.342	43	49813	18.671	ug/l	97
44) Trichloroethene	7.129	130	24155	19.480	ug/l	87
45) 1,2-Dichloropropane	7.427	63	20426	19.484	ug/l	98
46) Dibromomethane	7.580	93	14865	19.533	ug/l	92
47) Bromodichloromethane	7.824	83	28300	18.923	ug/l	97
48) Methyl methacrylate	7.690	41	23014	18.380	ug/l	97
49) 1,4-Dioxane	7.659	88	9430	356.632	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	155571	92.992	ug/l	98
52) Toluene	8.720	92	54379	19.514	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	29976	18.024	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	32842	18.217	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	21608	19.509	ug/l	98
56) Ethyl methacrylate	9.116	69	33052	18.389	ug/l	97
57) 1,3-Dichloropropane	9.311	76	35708	19.452	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	81872	97.907	ug/l	95
59) 2-Hexanone	9.433	43	122075	92.558	ug/l	97
60) Dibromochloromethane	9.518	129	23142	18.154	ug/l	99
61) 1,2-Dibromoethane	9.610	107	23024	19.193	ug/l	99
64) Tetrachloroethene	9.275	164	24517	20.158	ug/l	91
65) Chlorobenzene	10.079	112	58962	19.617	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	22134	19.203	ug/l	99
67) Ethyl Benzene	10.195	91	102455	19.725	ug/l	97
68) m/p-Xylenes	10.305	106	82230	38.759	ug/l	93
69) o-Xylene	10.640	106	41087	19.787	ug/l	90
70) Styrene	10.659	104	66022	19.246	ug/l	97
71) Bromoform	10.799	173	17424	17.412	ug/l #	98
73) Isopropylbenzene	10.963	105	104647	19.627	ug/l	98
74) N-amyl acetate	10.841	43	40904	17.737	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	33204	19.253	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	30290m	19.772	ug/l	
77) Bromobenzene	11.201	156	26275	19.162	ug/l	92
78) n-propylbenzene	11.305	91	116396	19.448	ug/l	97
79) 2-Chlorotoluene	11.366	91	70163	19.257	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	87074	19.429	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	10141	16.676	ug/l	92
82) 4-Chlorotoluene	11.457	91	79401	19.090	ug/l	95
83) tert-Butylbenzene	11.719	119	87171	19.139	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	85910	19.395	ug/l	96
85) sec-Butylbenzene	11.890	105	109212	19.723	ug/l	98
86) p-Isopropyltoluene	12.012	119	91577	19.249	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	49400	19.354	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	49386	19.095	ug/l	98
89) n-Butylbenzene	12.335	91	75351	18.791	ug/l	97
90) Hexachloroethane	12.542	117	14886	16.979	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	48102	19.337	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6479	17.985	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	28890	19.732	ug/l	99
94) Hexachlorobutadiene	13.725	225	12987	18.474	ug/l	98
95) Naphthalene	13.780	128	92607	18.106	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	28869	20.156	ug/l	98

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

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