

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112421\
 Data File : VX025319.D
 Acq On : 24 Nov 2021 12:05
 Operator : JC/MD
 Sample : VX1124WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1124WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Nov 26 10:32:04 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

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	99935	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	155064	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	142557	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71515	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	55583	52.766	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.540%			
35) Dibromofluoromethane	5.379	113	49937	52.487	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.980%			
50) Toluene-d8	8.647	98	183715	51.357	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.720%			
62) 4-Bromofluorobenzene	11.079	95	68396	50.540	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.080%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	18918	21.838	ug/l	96
3) Chloromethane	1.294	50	19977	18.625	ug/l	98
4) Vinyl Chloride	1.374	62	21678	18.408	ug/l	100
5) Bromomethane	1.599	94	14497	28.633	ug/l	97
6) Chloroethane	1.684	64	14427	17.755	ug/l	97
7) Trichlorofluoromethane	1.886	101	33721	19.292	ug/l	99
8) Diethyl Ether	2.136	74	13916	19.291	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	18910	20.333	ug/l	97
10) Methyl Iodide	2.453	142	22950	19.736	ug/l	92
11) Tert butyl alcohol	2.959	59	26163	94.859	ug/l	96
12) 1,1-Dichloroethene	2.318	96	17810	19.228	ug/l	85
13) Acrolein	2.239	56	4583	94.969	ug/l	97
14) Allyl chloride	2.660	41	30320	18.087	ug/l	95
15) Acrylonitrile	3.062	53	54966	97.238	ug/l	99
16) Acetone	2.379	43	55520	94.853	ug/l	94
17) Carbon Disulfide	2.507	76	43470	16.683	ug/l	99
18) Methyl Acetate	2.703	43	35616	19.045	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	63514	19.680	ug/l	99
20) Methylene Chloride	2.788	84	20602	18.724	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	18878	18.605	ug/l	88
22) Diisopropyl ether	3.763	45	62362	19.535	ug/l	93
23) Vinyl Acetate	3.721	43	248744	97.002	ug/l	96
24) 1,1-Dichloroethane	3.611	63	33758	19.353	ug/l	96
25) 2-Butanone	4.550	43	81111	95.847	ug/l	96
26) 2,2-Dichloropropane	4.477	77	30301	19.160	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	23078	19.476	ug/l	91
28) Bromochloromethane	4.897	49	16679	20.506	ug/l	92
29) Tetrahydrofuran	5.001	42	49215	93.926	ug/l	97
30) Chloroform	5.092	83	35936	19.796	ug/l	96
31) Cyclohexane	5.470	56	31081	19.094	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	31973	19.238	ug/l	98
36) 1,1-Dichloropropene	5.696	75	26192	19.360	ug/l	98
37) Ethyl Acetate	4.714	43	29686	19.286	ug/l	99
38) Carbon Tetrachloride	5.678	117	28826	19.345	ug/l	97
39) Methylcyclohexane	7.379	83	33307	19.193	ug/l	93
40) Benzene	6.037	78	79598	19.422	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	16116	18.864	ug/l	97
42) 1,2-Dichloroethane	6.086	62	27634	20.723	ug/l	94
43) Isopropyl Acetate	6.342	43	49489	19.319	ug/l	97
44) Trichloroethene	7.123	130	23038	19.351	ug/l	95
45) 1,2-Dichloropropane	7.427	63	20106	19.975	ug/l	91
46) Dibromomethane	7.580	93	14315	19.591	ug/l	92
47) Bromodichloromethane	7.824	83	27348	19.045	ug/l	94
48) Methyl methacrylate	7.689	41	22606	18.803	ug/l	96
49) 1,4-Dioxane	7.659	88	10003	394.006	ug/l	95
51) 4-Methyl-2-Pentanone	8.573	43	153822	95.763	ug/l	98
52) Toluene	8.720	92	51214	19.141	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	29643	18.563	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	32664	18.871	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	21741	20.444	ug/l	97
56) Ethyl methacrylate	9.116	69	32561	18.868	ug/l	96
57) 1,3-Dichloropropane	9.311	76	35142	19.938	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	80303	100.017	ug/l	94
59) 2-Hexanone	9.433	43	119817	94.617	ug/l	96
60) Dibromochloromethane	9.525	129	22490	18.375	ug/l	99
61) 1,2-Dibromoethane	9.610	107	23086	20.044	ug/l	99
64) Tetrachloroethene	9.275	164	23215	19.749	ug/l	91
65) Chlorobenzene	10.079	112	57690	19.859	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	21904	19.662	ug/l	99
67) Ethyl Benzene	10.195	91	98599	19.640	ug/l	96
68) m/p-Xylenes	10.305	106	78416	38.242	ug/l	94
69) o-Xylene	10.646	106	39631	19.747	ug/l	90
70) Styrene	10.658	104	63934	19.283	ug/l	97
71) Bromoform	10.799	173	17166	17.748	ug/l #	100
73) Isopropylbenzene	10.963	105	100343	19.687	ug/l	97
74) N-amyl acetate	10.841	43	40449	18.348	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	32019	19.422	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	29784m	20.338	ug/l	
77) Bromobenzene	11.201	156	25828	19.705	ug/l	95
78) n-propylbenzene	11.305	91	112512	19.666	ug/l	97
79) 2-Chlorotoluene	11.366	91	67464	19.370	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	83153	19.409	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.018	75	10191	17.530	ug/l	94
82) 4-Chlorotoluene	11.457	91	78376	19.713	ug/l	96
83) tert-Butylbenzene	11.713	119	85386	19.611	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	83978	19.833	ug/l	95
85) sec-Butylbenzene	11.890	105	104834	19.805	ug/l	98
86) p-Isopropyltoluene	12.012	119	88716	19.507	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	48274	19.785	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	48017	19.421	ug/l	98
89) n-Butylbenzene	12.335	91	70523	18.398	ug/l	95
90) Hexachloroethane	12.542	117	14236	16.986	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	47366	19.919	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6445	18.716	ug/l	82
93) 1,2,4-Trichlorobenzene	13.591	180	28282	20.207	ug/l	98
94) Hexachlorobutadiene	13.725	225	12758	18.984	ug/l	97
95) Naphthalene	13.780	128	91155	18.655	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	28680	20.947	ug/l	97

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

