

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110222\
 Data File : VX032530.D
 Acq On : 02 Nov 2022 12:10
 Operator : JC/MD
 Sample : VX1102WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1102WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/03/2022
 Supervised By : Mahesh Dadoda 11/03/2022

Quant Time: Nov 03 03:09:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	104953	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	161249	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	145821	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75466	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	72523	49.731	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.460%		
35) Dibromofluoromethane	5.385	113	57833	50.281	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.560%		
50) Toluene-d8	8.647	98	193770	48.448	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.900%		
62) 4-Bromofluorobenzene	11.079	95	76168	48.754	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.500%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	24076	19.890	ug/l	96
3) Chloromethane	1.295	50	19903	19.442	ug/l	98
4) Vinyl Chloride	1.374	62	22374	19.859	ug/l	98
5) Bromomethane	1.612	94	21156	23.498	ug/l	99
6) Chloroethane	1.685	64	14549	19.249	ug/l	100
7) Trichlorofluoromethane	1.886	101	43123	20.201	ug/l	98
8) Diethyl Ether	2.130	74	14682	21.223	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	23200	20.591	ug/l	99
10) Methyl Iodide	2.453	142	24675	20.851	ug/l	99
11) Tert butyl alcohol	2.977	59	21871	103.042	ug/l	100
12) 1,1-Dichloroethene	2.319	96	20585	19.557	ug/l	91
13) Acrolein	2.233	56	26323	124.227	ug/l	99
14) Allyl chloride	2.660	41	33621	20.038	ug/l	99
15) Acrylonitrile	3.063	53	58726	101.948	ug/l	100
16) Acetone	2.380	43	52684	99.399	ug/l	98
17) Carbon Disulfide	2.514	76	46921	18.716	ug/l	98
18) Methyl Acetate	2.703	43	36723	21.306	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	76571	20.699	ug/l	100
20) Methylene Chloride	2.788	84	24621	20.260	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	22310	19.473	ug/l	98
22) Diisopropyl ether	3.758	45	72875	20.081	ug/l #	89
23) Vinyl Acetate	3.721	43	298417	101.778	ug/l	100
24) 1,1-Dichloroethane	3.611	63	41652	19.953	ug/l	100
25) 2-Butanone	4.556	43	81327	99.040	ug/l	97
26) 2,2-Dichloropropane	4.471	77	33973	20.473	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	26594	20.082	ug/l	97
28) Bromochloromethane	4.898	49	14419	19.392	ug/l	99
29) Tetrahydrofuran	5.007	42	51540	98.430	ug/l	97
30) Chloroform	5.099	83	46992	20.516	ug/l	99
31) Cyclohexane	5.465	56	33574	18.988	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	41875	20.372	ug/l	100
36) 1,1-Dichloropropene	5.690	75	31776	19.839	ug/l	100
37) Ethyl Acetate	4.715	43	32214	19.322	ug/l	99
38) Carbon Tetrachloride	5.678	117	37067	20.865	ug/l	100
39) Methylcyclohexane	7.379	83	37973	20.038	ug/l	96
40) Benzene	6.038	78	91930	20.282	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	18200	21.429	ug/l	98
42) 1,2-Dichloroethane	6.086	62	39657	21.404	ug/l	98
43) Isopropyl Acetate	6.336	43	53495	20.897	ug/l	99
44) Trichloroethene	7.129	130	25660	20.110	ug/l	99
45) 1,2-Dichloropropane	7.434	63	24266	20.856	ug/l	95
46) Dibromomethane	7.586	93	19241	21.563	ug/l	98
47) Bromodichloromethane	7.824	83	35468	20.972	ug/l	98
48) Methyl methacrylate	7.696	41	27061	20.468	ug/l	97
49) 1,4-Dioxane	7.684	88	10411	413.206	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	170222	105.570	ug/l	99
52) Toluene	8.720	92	59956	20.275	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	36053	20.894	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	38222	20.710	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	26414	21.209	ug/l	99
56) Ethyl methacrylate	9.116	69	37882	21.137	ug/l	98
57) 1,3-Dichloropropane	9.311	76	42546	21.155	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	90775	105.189	ug/l	99
59) 2-Hexanone	9.433	43	126065	105.368	ug/l	99
60) Dibromochloromethane	9.525	129	28212	20.740	ug/l	99
61) 1,2-Dibromoethane	9.610	107	27680	20.976	ug/l	99
64) Tetrachloroethene	9.275	164	22115	20.720	ug/l	97
65) Chlorobenzene	10.080	112	66374	20.320	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	26137	21.261	ug/l	98
67) Ethyl Benzene	10.195	91	118694	20.320	ug/l	100
68) m/p-Xylenes	10.299	106	91969	40.547	ug/l	100
69) o-Xylene	10.640	106	45568	20.663	ug/l	98
70) Styrene	10.659	104	74727	20.389	ug/l	100
71) Bromoform	10.799	173	20155	20.736	ug/l #	99
73) Isopropylbenzene	10.964	105	122292	20.450	ug/l	99
74) N-amyl acetate	10.842	43	47095	20.843	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.214	83	39105	20.372	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	35371m	21.068	ug/l	
77) Bromobenzene	11.201	156	29979	20.449	ug/l	99
78) n-propylbenzene	11.305	91	139360	20.227	ug/l	100
79) 2-Chlorotoluene	11.366	91	83088	20.137	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	105043	20.553	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	10633	20.152	ug/l	98
82) 4-Chlorotoluene	11.457	91	97110	20.113	ug/l	100
83) tert-Butylbenzene	11.713	119	103644	20.312	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	104734	20.603	ug/l	99
85) sec-Butylbenzene	11.890	105	126481	20.600	ug/l	100
86) p-Isopropyltoluene	12.012	119	108426	20.812	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	56840	20.553	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	56742	19.777	ug/l	99
89) n-Butylbenzene	12.335	91	91639	20.219	ug/l	99
90) Hexachloroethane	12.536	117	17619	20.705	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	55710	20.430	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8737	20.760	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	36115	20.312	ug/l	99
94) Hexachlorobutadiene	13.725	225	15189	20.455	ug/l	99
95) Naphthalene	13.774	128	119499	20.170	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	36978	20.459	ug/l	98

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

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