

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021223\
 Data File : VX034110.D
 Acq On : 10 Feb 2023 13:32
 Operator : JC/MD
 Sample : VX0212WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0212WBS01

Quant Time: Feb 11 00:32:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 03 23:25:45 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/13/2023
 Supervised By : Mahesh Dadoda 02/13/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	124122	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	167346	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	146040	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79054	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	64608	53.993	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.980%			
35) Dibromofluoromethane	5.385	113	56771	53.304	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.600%			
50) Toluene-d8	8.647	98	197750	51.534	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.060%			
62) 4-Bromofluorobenzene	11.079	95	74513	54.369	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.740%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	19710	19.534	ug/l	99
3) Chloromethane	1.294	50	16549	17.380	ug/l	98
4) Vinyl Chloride	1.374	62	16740	16.787	ug/l	99
5) Bromomethane	1.605	94	11700	22.785	ug/l	97
6) Chloroethane	1.685	64	9772	17.721	ug/l	99
7) Trichlorofluoromethane	1.886	101	31106	19.606	ug/l	98
8) Diethyl Ether	2.130	74	9867	18.081	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.331	101	19742	18.637	ug/l	91
10) Methyl Iodide	2.453	142	25849	17.225	ug/l	93
11) Tert butyl alcohol	2.953	59	19080	113.811	ug/l #	85
12) 1,1-Dichloroethene	2.319	96	18269	17.976	ug/l	93
13) Acrolein	2.233	56	20032	89.088	ug/l	100
14) Allyl chloride	2.666	41	29046	17.529	ug/l	92
15) Acrylonitrile	3.062	53	51969	96.638	ug/l	99
16) Acetone	2.373	43	47966	94.908	ug/l	97
17) Carbon Disulfide	2.514	76	41510	16.099	ug/l	98
18) Methyl Acetate	2.703	43	31614	20.109	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	63239	20.179	ug/l	98
20) Methylene Chloride	2.788	84	20312	17.567	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	20236	18.282	ug/l	94
22) Diisopropyl ether	3.757	45	59552	18.212	ug/l	98
23) Vinyl Acetate	3.721	43	234611	94.221	ug/l	96
24) 1,1-Dichloroethane	3.611	63	35519	18.845	ug/l	97
25) 2-Butanone	4.550	43	69080	93.869	ug/l	98
26) 2,2-Dichloropropane	4.477	77	27141	19.741	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	23936	18.799	ug/l	96
28) Bromochloromethane	4.897	49	15047	18.158	ug/l	83
29) Tetrahydrofuran	4.995	42	44703	95.509	ug/l	94
30) Chloroform	5.092	83	38031	19.361	ug/l	97
31) Cyclohexane	5.470	56	31414	18.027	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	34235	20.237	ug/l	97
36) 1,1-Dichloropropene	5.696	75	27282	18.683	ug/l	99
37) Ethyl Acetate	4.715	43	27976	20.566	ug/l	98
38) Carbon Tetrachloride	5.678	117	31392	20.157	ug/l	98
39) Methylcyclohexane	7.379	83	33473	18.211	ug/l	94
40) Benzene	6.037	78	80567	19.069	ug/l	99

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41) Methacrylonitrile	4.916	41	14719	19.227	ug/l	94
42) 1,2-Dichloroethane	6.086	62	30131	20.987	ug/l	99
43) Isopropyl Acetate	6.336	43	42618	20.089	ug/l	98
44) Trichloroethene	7.123	130	25122	19.347	ug/l	91
45) 1,2-Dichloropropane	7.427	63	19591	18.780	ug/l	98
46) Dibromomethane	7.580	93	15065	20.158	ug/l	96
47) Bromodichloromethane	7.824	83	28242	19.943	ug/l	96
48) Methyl methacrylate	7.696	41	21585	19.707	ug/l	93
49) 1,4-Dioxane	7.659	88	9070	430.192	ug/l #	95
51) 4-Methyl-2-Pentanone	8.574	43	135406	101.757	ug/l	97
52) Toluene	8.720	92	52579	19.203	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	28472	20.000	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	31459	19.423	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	22017	20.131	ug/l	95
56) Ethyl methacrylate	9.116	69	30563	20.008	ug/l	97
57) 1,3-Dichloropropane	9.305	76	35247	19.728	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	61740	86.870	ug/l	97
59) 2-Hexanone	9.427	43	100893	103.607	ug/l	99
60) Dibromochloromethane	9.519	129	24566	20.267	ug/l	97
61) 1,2-Dibromoethane	9.610	107	23474	19.960	ug/l	98
64) Tetrachloroethene	9.275	164	23299	19.107	ug/l	97
65) Chlorobenzene	10.079	112	59531	19.737	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	23346	20.483	ug/l	99
67) Ethyl Benzene	10.195	91	100881	19.761	ug/l	99
68) m/p-Xylenes	10.299	106	80975	39.682	ug/l	99
69) o-Xylene	10.640	106	39243	20.024	ug/l	98
70) Styrene	10.652	104	65769	20.376	ug/l	99
71) Bromoform	10.799	173	19383	20.849	ug/l #	98
73) Isopropylbenzene	10.963	105	103745	19.636	ug/l	99
74) N-amyl acetate	10.841	43	33978	19.522	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	31734	19.962	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	28327m	20.868	ug/l	
77) Bromobenzene	11.201	156	29166	19.908	ug/l	95
78) n-propylbenzene	11.305	91	115321	19.741	ug/l	98
79) 2-Chlorotoluene	11.366	91	70619	19.965	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	88993	20.236	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8338	18.917	ug/l	99
82) 4-Chlorotoluene	11.457	91	80185	20.043	ug/l	99
83) tert-Butylbenzene	11.713	119	93049	20.480	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	87523	19.921	ug/l	99
85) sec-Butylbenzene	11.890	105	108378	19.937	ug/l	100
86) p-Isopropyltoluene	12.012	119	95944	20.124	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	52043	19.360	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	53184	19.486	ug/l	99
89) n-Butylbenzene	12.335	91	73628	19.697	ug/l	98
90) Hexachloroethane	12.536	117	15051	20.053	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	51440	19.620	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6536	20.909	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	36066	19.469	ug/l	99
94) Hexachlorobutadiene	13.725	225	17731	19.337	ug/l	98
95) Naphthalene	13.774	128	103670	20.369	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	36253	19.483	ug/l	99

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

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