

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030323\
 Data File : VX034316.D
 Acq On : 03 Mar 2023 12:39
 Operator : JC/MD
 Sample : VX0303WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0303WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/03/2023
 Supervised By : Semsettin Yesilyurt 03/06/2023

Quant Time: Mar 03 15:08:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	264266	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	431844	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	386501	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	193246	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	169410	47.600	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 95.200%			
35) Dibromofluoromethane	5.385	113	142143	50.554	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.100%			
50) Toluene-d8	8.647	98	513195	50.836	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.680%			
62) 4-Bromofluorobenzene	11.079	95	197960	51.266	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.540%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	50051	21.918	ug/l	97
3) Chloromethane	1.300	50	69070	21.019	ug/l	99
4) Vinyl Chloride	1.373	62	69395	23.188	ug/l	98
5) Bromomethane	1.605	94	41621	34.671	ug/l	98
6) Chloroethane	1.684	64	38993	25.917	ug/l	95
7) Trichlorofluoromethane	1.886	101	102926	25.421	ug/l	95
8) Diethyl Ether	2.135	74	39307	24.097	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	56641	19.864	ug/l	96
10) Methyl Iodide	2.453	142	68160	19.633	ug/l	95
11) Tert butyl alcohol	2.952	59	75719	95.121	ug/l #	82
12) 1,1-Dichloroethene	2.318	96	54771	19.162	ug/l	94
13) Acrolein	2.233	56	36437	100.275	ug/l	99
14) Allyl chloride	2.666	41	107775	17.775	ug/l	91
15) Acrylonitrile	3.062	53	178253	102.648	ug/l	100
16) Acetone	2.379	43	157531	85.805	ug/l	94
17) Carbon Disulfide	2.513	76	150899	18.362	ug/l	99
18) Methyl Acetate	2.702	43	116647	20.533	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	207859	20.604	ug/l	99
20) Methylene Chloride	2.788	84	63952	19.333	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	60414	20.171	ug/l	96
22) Diisopropyl ether	3.757	45	225841	21.246	ug/l	95
23) Vinyl Acetate	3.721	43	897206	105.351	ug/l	99
24) 1,1-Dichloroethane	3.611	63	115985	19.876	ug/l	99
25) 2-Butanone	4.556	43	259300	97.612	ug/l	99
26) 2,2-Dichloropropane	4.470	77	97028	18.355	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	72689	20.495	ug/l	96
28) Bromochloromethane	4.897	49	46260	17.771	ug/l	89
29) Tetrahydrofuran	5.001	42	169587	104.649	ug/l	98
30) Chloroform	5.092	83	115088	20.539	ug/l	99
31) Cyclohexane	5.470	56	107042	20.145	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	99996	19.907	ug/l	98
36) 1,1-Dichloropropene	5.696	75	84358	20.287	ug/l	99
37) Ethyl Acetate	4.714	43	98434	21.181	ug/l	99
38) Carbon Tetrachloride	5.678	117	86332	20.176	ug/l	93
39) Methylcyclohexane	7.378	83	110679	20.683	ug/l	99
40) Benzene	6.037	78	260586	21.147	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	54411	21.014	ug/l	98
42) 1,2-Dichloroethane	6.086	62	91942	21.214	ug/l	99
43) Isopropyl Acetate	6.342	43	171047	20.857	ug/l	99
44) Trichloroethene	7.122	130	66629	21.070	ug/l	94
45) 1,2-Dichloropropane	7.427	63	69326	21.133	ug/l	100
46) Dibromomethane	7.580	93	46314	21.452	ug/l	88
47) Bromodichloromethane	7.823	83	88101	19.885	ug/l	98
48) Methyl methacrylate	7.689	41	80379	20.650	ug/l	97
49) 1,4-Dioxane	7.659	88	33709	434.180	ug/l #	99
51) 4-Methyl-2-Pentanone	8.573	43	515273	114.202	ug/l	99
52) Toluene	8.720	92	163440	21.889	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	100943	19.793	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	109957	20.140	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	67867	22.518	ug/l	99
56) Ethyl methacrylate	9.116	69	108533	21.287	ug/l	96
57) 1,3-Dichloropropane	9.305	76	115989	22.120	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	246259	111.498	ug/l	95
59) 2-Hexanone	9.427	43	388844	113.083	ug/l	98
60) Dibromochloromethane	9.518	129	70033	21.030	ug/l	98
61) 1,2-Dibromoethane	9.610	107	70878	22.236	ug/l	99
64) Tetrachloroethene	9.274	164	57029	20.906	ug/l	96
65) Chlorobenzene	10.079	112	175916	21.835	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	64788	20.773	ug/l	99
67) Ethyl Benzene	10.195	91	315701	21.811	ug/l	97
68) m/p-Xylenes	10.299	106	243452	43.952	ug/l	97
69) o-Xylene	10.640	106	121105	21.962	ug/l	97
70) Styrene	10.652	104	194177	21.651	ug/l	97
71) Bromoform	10.799	173	49957	19.623	ug/l #	98
73) Isopropylbenzene	10.963	105	310752	21.100	ug/l	100
74) N-amyl acetate	10.841	43	149849	20.252	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	104221	20.690	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	84627m	17.404	ug/l	
77) Bromobenzene	11.195	156	74410	20.995	ug/l	87
78) n-propylbenzene	11.305	91	358797	20.947	ug/l	97
79) 2-Chlorotoluene	11.366	91	216614	20.624	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	261198	21.094	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	33009	17.439	ug/l	94
82) 4-Chlorotoluene	11.457	91	248927	20.809	ug/l	96
83) tert-Butylbenzene	11.713	119	266725	21.032	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	258249	20.627	ug/l	98
85) sec-Butylbenzene	11.890	105	325646	21.145	ug/l	98
86) p-Isopropyltoluene	12.012	119	267600	20.996	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	140697	21.167	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	142247	21.217	ug/l	96
89) n-Butylbenzene	12.335	91	238774	21.034	ug/l	97
90) Hexachloroethane	12.536	117	49266	18.487	ug/l	80
91) 1,2-Dichlorobenzene	12.335	146	139628	21.470	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21029	17.506	ug/l	81
93) 1,2,4-Trichlorobenzene	13.591	180	85005	20.359	ug/l	98
94) Hexachlorobutadiene	13.725	225	35087	20.271	ug/l	98
95) Naphthalene	13.774	128	292323	20.783	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	85858	20.713	ug/l	98

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

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