

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030623\
 Data File : VX034346.D
 Acq On : 06 Mar 2023 13:49
 Operator : JC/MD
 Sample : VX0306WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0306WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/07/2023
 Supervised By : Semsettin Yesilyurt 03/07/2023

Quant Time: Mar 07 00:37:47 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	278250	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	464340	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	416919	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	209319	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	182427	48.681	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.360%		
35) Dibromofluoromethane	5.385	113	154294	51.035	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.060%		
50) Toluene-d8	8.647	98	557221	51.335	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.660%		
62) 4-Bromofluorobenzene	11.079	95	215806	51.977	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.960%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	49195	20.461	ug/l	98
3) Chloromethane	1.301	50	67390	19.477	ug/l	99
4) Vinyl Chloride	1.374	62	67750	21.501	ug/l	99
5) Bromomethane	1.605	94	41123	32.067	ug/l	92
6) Chloroethane	1.685	64	38283	24.166	ug/l	96
7) Trichlorofluoromethane	1.886	101	102162	23.964	ug/l	100
8) Diethyl Ether	2.130	74	37797	22.007	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	58041	19.332	ug/l	95
10) Methyl Iodide	2.453	142	69406	18.987	ug/l	95
11) Tert butyl alcohol	2.953	59	76614	91.409	ug/l #	84
12) 1,1-Dichloroethene	2.319	96	55810	18.544	ug/l	96
13) Acrolein	2.233	56	38803	101.420	ug/l	98
14) Allyl chloride	2.666	41	113481	17.776	ug/l	90
15) Acrylonitrile	3.063	53	183116	100.149	ug/l	100
16) Acetone	2.374	43	156777	81.102	ug/l	93
17) Carbon Disulfide	2.514	76	150563	17.401	ug/l	99
18) Methyl Acetate	2.703	43	122151	20.422	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	212552	20.011	ug/l	98
20) Methylene Chloride	2.788	84	66628	19.129	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	60792	19.277	ug/l	96
22) Diisopropyl ether	3.758	45	232454	20.769	ug/l	96
23) Vinyl Acetate	3.721	43	907517	101.206	ug/l	100
24) 1,1-Dichloroethane	3.611	63	119687	19.479	ug/l	98
25) 2-Butanone	4.556	43	264485	94.560	ug/l	98
26) 2,2-Dichloropropane	4.477	77	100129	17.989	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	74043	19.827	ug/l	97
28) Bromochloromethane	4.898	49	54010	19.705	ug/l	87
29) Tetrahydrofuran	5.001	42	172969	101.372	ug/l	99
30) Chloroform	5.093	83	117456	19.908	ug/l	99
31) Cyclohexane	5.471	56	109411	19.556	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	102290	19.341	ug/l	99
36) 1,1-Dichloropropene	5.690	75	88450	19.782	ug/l	97
37) Ethyl Acetate	4.715	43	103277	20.668	ug/l	99
38) Carbon Tetrachloride	5.678	117	86754	18.856	ug/l	98
39) Methylcyclohexane	7.379	83	109386	19.011	ug/l	99
40) Benzene	6.038	78	263559	19.891	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	56337	20.235	ug/l	98
42) 1,2-Dichloroethane	6.086	62	94946	20.374	ug/l	98
43) Isopropyl Acetate	6.342	43	176343	19.998	ug/l	99
44) Trichloroethene	7.123	130	67592	19.878	ug/l	93
45) 1,2-Dichloropropane	7.428	63	71283	20.209	ug/l	99
46) Dibromomethane	7.580	93	47639	20.522	ug/l	87
47) Bromodichloromethane	7.824	83	91399	19.185	ug/l	100
48) Methyl methacrylate	7.690	41	82290	19.662	ug/l	98
49) 1,4-Dioxane	7.659	88	34486	413.103	ug/l #	98
51) 4-Methyl-2-Pentanone	8.574	43	526271	108.477	ug/l	99
52) Toluene	8.720	92	166430	20.730	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	104000	18.965	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	109976	18.733	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	68995	21.290	ug/l	99
56) Ethyl methacrylate	9.116	69	110724	20.197	ug/l	96
57) 1,3-Dichloropropane	9.305	76	118741	21.060	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	258500	108.850	ug/l	95
59) 2-Hexanone	9.427	43	396097	107.131	ug/l	98
60) Dibromochloromethane	9.519	129	71251	19.898	ug/l	100
61) 1,2-Dibromoethane	9.610	107	70562	20.588	ug/l	97
64) Tetrachloroethene	9.275	164	57776	19.635	ug/l	93
65) Chlorobenzene	10.080	112	177273	20.398	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	66169	19.668	ug/l	98
67) Ethyl Benzene	10.195	91	319458	20.461	ug/l	98
68) m/p-Xylenes	10.299	106	248104	41.524	ug/l	95
69) o-Xylene	10.640	106	122701	20.628	ug/l	96
70) Styrene	10.653	104	198184	20.486	ug/l	96
71) Bromoform	10.799	173	50895	18.533	ug/l #	99
73) Isopropylbenzene	10.964	105	314949	19.743	ug/l	99
74) N-amyl acetate	10.842	43	153903	19.203	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.214	83	107871	19.770	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	88414m	16.786	ug/l	
77) Bromobenzene	11.195	156	76659	19.968	ug/l	87
78) n-propylbenzene	11.305	91	365191	19.683	ug/l	98
79) 2-Chlorotoluene	11.366	91	221534	19.473	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	268161	19.994	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	33392	16.286	ug/l	98
82) 4-Chlorotoluene	11.451	91	254737	19.659	ug/l	97
83) tert-Butylbenzene	11.713	119	266921	19.431	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	267202	19.703	ug/l	98
85) sec-Butylbenzene	11.890	105	326843	19.593	ug/l	98
86) p-Isopropyltoluene	12.006	119	273381	19.802	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	141402	19.640	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	144234	19.861	ug/l	96
89) n-Butylbenzene	12.335	91	236296	19.217	ug/l	97
90) Hexachloroethane	12.536	117	50022	17.330	ug/l	82
91) 1,2-Dichlorobenzene	12.335	146	141592	20.100	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21374	16.427	ug/l	81
93) 1,2,4-Trichlorobenzene	13.585	180	85061	18.808	ug/l	99
94) Hexachlorobutadiene	13.725	225	33862	18.061	ug/l	98
95) Naphthalene	13.774	128	296768	19.479	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	86418	19.247	ug/l	99

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

