

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070221\
 Data File : VX023113.D
 Acq On : 02 Jul 2021 17:31
 Operator : JC/MD
 Sample : VX0702WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0702WBS01

Manual Integrations
 APPROVED

SAM
 7/6/2021 1:51:41 PM

Quant Time: Jul 05 02:55:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	293315	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	472382	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	432488	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	208538	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	197478	50.094	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.180%			
35) Dibromofluoromethane	5.391	113	145536	47.710	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.420%			
50) Toluene-d8	8.653	98	543449	47.759	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.520%			
62) 4-Bromofluorobenzene	11.085	95	205474	46.774	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.540%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	53202	20.018	ug/l	99
3) Chloromethane	1.294	50	49869	18.965	ug/l	99
4) Vinyl Chloride	1.374	62	55113	19.786	ug/l	99
5) Bromomethane	1.599	94	36131	22.449	ug/l	99
6) Chloroethane	1.685	64	35028	19.231	ug/l	97
7) Trichlorofluoromethane	1.886	101	93240	19.261	ug/l	99
8) Diethyl Ether	2.142	74	34560	19.343	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	54887	19.375	ug/l	98
10) Methyl Iodide	2.453	142	52262	15.024	ug/l	93
11) Tert butyl alcohol	2.977	59	79245	95.553	ug/l	99
12) 1,1-Dichloroethene	2.319	96	50457	19.298	ug/l	93
13) Acrolein	2.239	56	50135	90.783	ug/l	96
14) Allyl chloride	2.666	41	88686	19.520	ug/l	91
15) Acrylonitrile	3.075	53	157597	97.729	ug/l	96
16) Acetone	2.392	43	148684	95.333	ug/l	91
17) Carbon Disulfide	2.514	76	99080	17.968	ug/l	99
18) Methyl Acetate	2.715	43	73106	19.310	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	190776	19.509	ug/l	100
20) Methylene Chloride	2.794	84	59982	17.863	ug/l	92
21) trans-1,2-Dichloroethene	3.099	96	53532	18.957	ug/l	97
22) Diisopropyl ether	3.776	45	185761	19.393	ug/l	95
23) Vinyl Acetate	3.733	43	803599	99.125	ug/l	95
24) 1,1-Dichloroethane	3.617	63	103700	19.161	ug/l	98
25) 2-Butanone	4.568	43	227944	96.921	ug/l	93
26) 2,2-Dichloropropane	4.489	77	87196	19.195	ug/l	98
27) cis-1,2-Dichloroethene	4.501	96	64648	18.901	ug/l	97
28) Bromochloromethane	4.910	49	48145	18.751	ug/l	94
29) Tetrahydrofuran	5.019	42	147164	97.343	ug/l	91
30) Chloroform	5.105	83	111824	19.127	ug/l	100
31) Cyclohexane	5.477	56	86490	18.324	ug/l	98
32) 1,1,1-Trichloroethane	5.397	97	98691	19.382	ug/l	98
36) 1,1-Dichloropropene	5.702	75	76170	18.087	ug/l	100
37) Ethyl Acetate	4.733	43	89104	19.396	ug/l	96
38) Carbon Tetrachloride	5.690	117	82946	18.870	ug/l	97
39) Methylcyclohexane	7.385	83	89700	18.212	ug/l	97
40) Benzene	6.050	78	228887	18.721	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	48756	18.985	ug/l	91
42) 1,2-Dichloroethane	6.098	62	94256	19.185	ug/l	94
43) Isopropyl Acetate	6.355	43	143129	18.731	ug/l	94
44) Trichloroethene	7.135	130	62480	18.014	ug/l	99
45) 1,2-Dichloropropane	7.440	63	60760	19.037	ug/l	97
46) Dibromomethane	7.586	93	42665	18.718	ug/l	97
47) Bromodichloromethane	7.830	83	77812	18.697	ug/l	97
48) Methyl methacrylate	7.702	41	69882	18.638	ug/l	87
49) 1,4-Dioxane	7.665	88	31731	376.026	ug/l #	96
51) 4-Methyl-2-Pentanone	8.580	43	457298	96.579	ug/l	91
52) Toluene	8.720	92	147380	18.626	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	84706	17.956	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	91416	18.137	ug/l #	90
55) 1,1,2-Trichloroethane	9.159	97	62232	18.729	ug/l	98
56) Ethyl methacrylate	9.122	69	96247	18.745	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	102880	18.733	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.251	63	247746	91.684	ug/l	98
59) 2-Hexanone	9.433	43	347977	95.782	ug/l	89
60) Dibromochloromethane	9.525	129	56401	17.368	ug/l	99
61) 1,2-Dibromoethane	9.616	107	64552	18.929	ug/l	98
64) Tetrachloroethene	9.281	164	63838	18.506	ug/l	96
65) Chlorobenzene	10.086	112	160001	18.715	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	58031	18.773	ug/l	99
67) Ethyl Benzene	10.195	91	287573	19.028	ug/l	99
68) m/p-Xylenes	10.305	106	216889	37.589	ug/l	96
69) o-Xylene	10.646	106	108272	18.619	ug/l	97
70) Styrene	10.659	104	179459	18.892	ug/l	96
71) Bromoform	10.805	173	38114	17.385	ug/l #	97
73) Isopropylbenzene	10.963	105	289257	19.690	ug/l	100
74) N-amyl acetate	10.848	43	121036	19.416	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	91091	19.516	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	85369m	20.343	ug/l	
77) Bromobenzene	11.201	156	68241	18.605	ug/l	99
78) n-propylbenzene	11.305	91	330084	19.431	ug/l	100
79) 2-Chlorotoluene	11.366	91	200679	19.114	ug/l	97
80) 1,3,5-Trimethylbenzene	11.457	105	247358	19.555	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	23682	19.025	ug/l #	82
82) 4-Chlorotoluene	11.457	91	231860	19.556	ug/l	99
83) tert-Butylbenzene	11.719	119	234268	19.512	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	247991	19.839	ug/l	98
85) sec-Butylbenzene	11.896	105	301106	19.491	ug/l	100
86) p-Isopropyltoluene	12.012	119	249630	19.263	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	131098	19.034	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	131857	19.012	ug/l	98
89) n-Butylbenzene	12.335	91	216831	19.101	ug/l	97
90) Hexachloroethane	12.542	117	35507	18.053	ug/l	91
91) 1,2-Dichlorobenzene	12.341	146	130176	18.999	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	19436	18.672	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	80119	18.983	ug/l	97
94) Hexachlorobutadiene	13.725	225	33664	18.838	ug/l	98
95) Naphthalene	13.780	128	276956	18.611	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	82180	19.359	ug/l	99

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

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