

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062921\
 Data File : VX022996.D
 Acq On : 29 Jun 2021 12:23
 Operator : JC/MD
 Sample : VX0629WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/2/2021 6:21:26 PM

Quant Time: Jun 30 01:42:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	67323	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	133240	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	118170	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	51525	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	67572	55.307	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.620%			
35) Dibromofluoromethane	5.397	113	42210	49.887	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.780%			
50) Toluene-d8	8.652	98	164803	49.699	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.400%			
62) 4-Bromofluorobenzene	11.085	95	59683	48.226	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.460%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	18232	19.194	ug/l	97
3) Chloromethane	1.294	50	19199	18.407	ug/l	98
4) Vinyl Chloride	1.373	62	17520	18.203	ug/l	93
5) Bromomethane	1.605	94	10614	20.018	ug/l	91
6) Chloroethane	1.684	64	11119	18.693	ug/l	97
7) Trichlorofluoromethane	1.885	101	28756	20.567	ug/l	100
8) Diethyl Ether	2.135	74	9990	18.511	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.324	101	17443	19.926	ug/l	90
10) Methyl Iodide	2.452	142	17567	19.273	ug/l	92
11) Tert butyl alcohol	2.971	59	22738	89.297	ug/l	99
12) 1,1-Dichloroethene	2.318	96	16397	18.774	ug/l	87
13) Acrolein	2.239	56	14081	88.912	ug/l	98
14) Allyl chloride	2.666	41	31163	18.781	ug/l	92
15) Acrylonitrile	3.068	53	57302	98.441	ug/l	99
16) Acetone	2.385	43	49244	90.916	ug/l	91
17) Carbon Disulfide	2.513	76	34721	17.080	ug/l	96
18) Methyl Acetate	2.708	43	26257	19.698	ug/l	91
19) Methyl tert-butyl Ether	3.117	73	61712	19.703	ug/l	98
20) Methylene Chloride	2.794	84	20261	19.092	ug/l #	83
21) trans-1,2-Dichloroethene	3.092	96	18025	18.603	ug/l	97
22) Diisopropyl ether	3.769	45	67232	19.479	ug/l	94
23) Vinyl Acetate	3.727	43	285271	98.525	ug/l #	93
24) 1,1-Dichloroethane	3.617	63	35826	19.429	ug/l	98
25) 2-Butanone	4.568	43	80211	95.230	ug/l	96
26) 2,2-Dichloropropane	4.482	77	27238	19.465	ug/l	95
27) cis-1,2-Dichloroethene	4.495	96	20978	19.508	ug/l	95
28) Bromochloromethane	4.903	49	16604	19.113	ug/l #	77
29) Tetrahydrofuran	5.013	42	52844	97.538	ug/l	87
30) Chloroform	5.104	83	35134	18.942	ug/l	99
31) Cyclohexane	5.476	56	32166	18.648	ug/l #	89
32) 1,1,1-Trichloroethane	5.391	97	28873	19.375	ug/l	95
36) 1,1-Dichloropropene	5.696	75	25834	18.254	ug/l	97
37) Ethyl Acetate	4.720	43	30402	18.545	ug/l #	94
38) Carbon Tetrachloride	5.684	117	22583	19.025	ug/l	92
39) Methylcyclohexane	7.384	83	31632	19.161	ug/l	94
40) Benzene	6.043	78	76980	18.864	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	17163	19.004	ug/l	90
42) 1,2-Dichloroethane	6.092	62	33073	22.027	ug/l	95
43) Isopropyl Acetate	6.348	43	51834	19.667	ug/l #	92
44) Trichloroethene	7.128	130	17649	18.237	ug/l	84
45) 1,2-Dichloropropane	7.439	63	20741	19.705	ug/l	95
46) Dibromomethane	7.586	93	13372	19.149	ug/l #	83
47) Bromodichloromethane	7.823	83	24005	18.859	ug/l	93
48) Methyl methacrylate	7.695	41	23534	19.293	ug/l	85
49) 1,4-Dioxane	7.665	88	9850	375.124	ug/l #	92
51) 4-Methyl-2-Pentanone	8.579	43	165157	100.685	ug/l	89
52) Toluene	8.720	92	47590	19.291	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	26775	18.442	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	29457	18.189	ug/l #	89
55) 1,1,2-Trichloroethane	9.158	97	19634	19.837	ug/l	95
56) Ethyl methacrylate	9.122	69	31493	18.923	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	35192	19.560	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.244	63	81181	92.739	ug/l	93
59) 2-Hexanone	9.433	43	124249	99.844	ug/l	86
60) Dibromochloromethane	9.524	129	15057	18.047	ug/l	96
61) 1,2-Dibromoethane	9.616	107	19226	19.126	ug/l	97
64) Tetrachloroethene	9.274	164	16345	19.682	ug/l #	88
65) Chlorobenzene	10.079	112	48039	19.304	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.164	131	15895	19.764	ug/l	98
67) Ethyl Benzene	10.195	91	90067	19.654	ug/l	96
68) m/p-Xylenes	10.305	106	65810	38.671	ug/l	95
69) o-Xylene	10.646	106	32316	19.511	ug/l	94
70) Styrene	10.658	104	52840	19.221	ug/l	95
71) Bromoform	10.805	173	8507	17.991	ug/l #	99
73) Isopropylbenzene	10.963	105	86829	19.916	ug/l	99
74) N-amyl acetate	10.847	43	42506	18.618	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	29785	19.891	ug/l	97
76) 1,2,3-Trichloropropane	11.243	75	27029m	19.860	ug/l	
77) Bromobenzene	11.201	156	17790	19.623	ug/l	84
78) n-propylbenzene	11.304	91	105816	20.059	ug/l	96
79) 2-Chlorotoluene	11.365	91	63094	19.810	ug/l	95
80) 1,3,5-Trimethylbenzene	11.457	105	71443	19.957	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.024	75	7174	18.896	ug/l #	75
82) 4-Chlorotoluene	11.457	91	72521	19.702	ug/l	94
83) tert-Butylbenzene	11.719	119	66531	19.679	ug/l	90
84) 1,2,4-Trimethylbenzene	11.756	105	72697	20.176	ug/l	98
85) sec-Butylbenzene	11.896	105	92518	20.292	ug/l	95
86) p-Isopropyltoluene	12.012	119	72284	19.951	ug/l	96
87) 1,3-Dichlorobenzene	11.975	146	34134	19.515	ug/l	95
88) 1,4-Dichlorobenzene	12.048	146	33506	18.320	ug/l	92
89) n-Butylbenzene	12.335	91	68117	19.774	ug/l	95
90) Hexachloroethane	12.542	117	10242	17.861	ug/l	71
91) 1,2-Dichlorobenzene	12.335	146	33099	19.389	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.944	75	5671	18.734	ug/l	73
93) 1,2,4-Trichlorobenzene	13.591	180	18381	19.414	ug/l	96
94) Hexachlorobutadiene	13.725	225	7489	20.186	ug/l	98
95) Naphthalene	13.780	128	73448	18.737	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	18103	18.982	ug/l	94

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

