

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061421\
 Data File : VX022686.D
 Acq On : 14 Jun 2021 11:49
 Operator : JC/MD
 Sample : VX0614WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/15/2021 5:15:20 PM

Quant Time: Jun 15 06:09:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 12:20:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	74601	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	144467	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	133778	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57594	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	60910	45.398	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.800%		
35) Dibromofluoromethane	5.391	113	43588	47.289	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.580%		
50) Toluene-d8	8.653	98	176031	48.446	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.900%		
62) 4-Bromofluorobenzene	11.085	95	65016	47.312	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.620%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	16876	19.277	ug/l	97
3) Chloromethane	1.295	50	17825	16.850	ug/l	99
4) Vinyl Chloride	1.374	62	17500	16.837	ug/l	98
5) Bromomethane	1.599	94	9756	17.254	ug/l	93
6) Chloroethane	1.685	64	11797	18.744	ug/l	95
7) Trichlorofluoromethane	1.886	101	27393	18.301	ug/l	97
8) Diethyl Ether	2.136	74	10691	17.680	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.331	101	17556	19.226	ug/l	89
10) Methyl Iodide	2.453	142	13880	13.557	ug/l	93
11) Tert butyl alcohol	2.971	59	23597	75.960	ug/l	95
12) 1,1-Dichloroethene	2.319	96	16211	17.899	ug/l	86
13) Acrolein	2.239	56	20318	156.073	ug/l	98
14) Allyl chloride	2.666	41	31589	18.041	ug/l	91
15) Acrylonitrile	3.069	53	54894	89.972	ug/l	99
16) Acetone	2.386	43	49573	82.516	ug/l	96
17) Carbon Disulfide	2.514	76	35757	17.544	ug/l	97
18) Methyl Acetate	2.709	43	30322	16.767	ug/l	90
19) Methyl tert-butyl Ether	3.123	73	59007	18.776	ug/l	100
20) Methylene Chloride	2.794	84	21109	18.019	ug/l	85
21) trans-1,2-Dichloroethene	3.093	96	18046	17.981	ug/l	95
22) Diisopropyl ether	3.770	45	63959	18.457	ug/l	95
23) Vinyl Acetate	3.727	43	299306	93.723	ug/l	96
24) 1,1-Dichloroethane	3.617	63	36489	18.146	ug/l	98
25) 2-Butanone	4.562	43	83687	85.891	ug/l	# 88
26) 2,2-Dichloropropane	4.483	77	28648	18.680	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	23049	18.849	ug/l	98
28) Bromochloromethane	4.898	49	17678	18.181	ug/l	# 77
29) Tetrahydrofuran	5.013	42	49751	87.697	ug/l	87
30) Chloroform	5.105	83	37504	18.711	ug/l	93
31) Cyclohexane	5.477	56	28883	17.845	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	29392	17.868	ug/l	97
36) 1,1-Dichloropropene	5.702	75	27103	18.829	ug/l	97
37) Ethyl Acetate	4.721	43	31882	17.426	ug/l	98
38) Carbon Tetrachloride	5.684	117	23855	19.374	ug/l	98
39) Methylcyclohexane	7.385	83	28584	19.035	ug/l	95
40) Benzene	6.044	78	83083	19.401	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	17875	18.232	ug/l	93
42) 1,2-Dichloroethane	6.092	62	31285	19.861	ug/l	96
43) Isopropyl Acetate	6.355	43	54985	19.031	ug/l #	92
44) Trichloroethene	7.129	130	18976	18.876	ug/l	89
45) 1,2-Dichloropropane	7.434	63	21547	18.648	ug/l	97
46) Dibromomethane	7.592	93	13675	18.447	ug/l #	86
47) Bromodichloromethane	7.824	83	26210	19.082	ug/l	98
48) Methyl methacrylate	7.702	41	25797	18.599	ug/l	88
49) 1,4-Dioxane	7.665	88	8902	337.208	ug/l #	92
51) 4-Methyl-2-Pentanone	8.580	43	172837	94.239	ug/l	90
52) Toluene	8.720	92	50389	18.905	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	29525	18.617	ug/l	99
54) cis-1,3-Dichloropropene	8.373	75	31807	18.197	ug/l #	90
55) 1,1,2-Trichloroethane	9.153	97	20729	19.007	ug/l	97
56) Ethyl methacrylate	9.122	69	33665	18.576	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	37687	19.870	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	89979	91.520	ug/l	95
59) 2-Hexanone	9.433	43	130355	93.027	ug/l	90
60) Dibromochloromethane	9.525	129	17449	18.426	ug/l	99
61) 1,2-Dibromoethane	9.610	107	20533	18.864	ug/l	97
64) Tetrachloroethene	9.275	164	16555	19.568	ug/l #	87
65) Chlorobenzene	10.080	112	52470	18.819	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	16990	18.040	ug/l	97
67) Ethyl Benzene	10.195	91	98552	19.200	ug/l	98
68) m/p-Xylenes	10.305	106	72628	39.065	ug/l	96
69) o-Xylene	10.646	106	34453	19.126	ug/l	92
70) Styrene	10.659	104	59834	18.916	ug/l	98
71) Bromoform	10.805	173	10158	18.634	ug/l #	98
73) Isopropylbenzene	10.964	105	93250	19.718	ug/l	100
74) N-amyl acetate	10.848	43	47900	18.834	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	33587	19.967	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	29512m	19.326	ug/l	
77) Bromobenzene	11.201	156	19631	19.432	ug/l	84
78) n-propylbenzene	11.305	91	113038	19.789	ug/l	97
79) 2-Chlorotoluene	11.366	91	66441	19.222	ug/l	97
80) 1,3,5-Trimethylbenzene	11.457	105	77374	19.641	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	9071	19.530	ug/l #	85
82) 4-Chlorotoluene	11.457	91	78451	19.834	ug/l	94
83) tert-Butylbenzene	11.719	119	72957	19.719	ug/l	91
84) 1,2,4-Trimethylbenzene	11.756	105	79558	19.911	ug/l	99
85) sec-Butylbenzene	11.896	105	95351	19.731	ug/l	96
86) p-Isopropyltoluene	12.012	119	79690	19.975	ug/l	97
87) 1,3-Dichlorobenzene	11.976	146	37153	19.376	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	37921	19.211	ug/l	96
89) n-Butylbenzene	12.335	91	73955	19.363	ug/l	98
90) Hexachloroethane	12.542	117	10426	18.242	ug/l	76
91) 1,2-Dichlorobenzene	12.341	146	37172	19.895	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6652	19.385	ug/l	71
93) 1,2,4-Trichlorobenzene	13.591	180	21651	19.315	ug/l	96
94) Hexachlorobutadiene	13.725	225	7162	17.817	ug/l	93
95) Naphthalene	13.780	128	85483	18.423	ug/l	98
96) 1,2,3-Trichlorobenzene	13.969	180	21034	19.248	ug/l	97

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

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