

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062421\
 Data File : VX022867.D
 Acq On : 24 Jun 2021 12:42
 Operator : JC/MD
 Sample : VX0624WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0624WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/25/2021 6:23:44 PM

Quant Time: Jun 25 05:37:39 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	5.556	168	69150	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	132809	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	121431	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	51732	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	58372	46.514	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.020%
35) Dibromofluoromethane	5.391	113	41274	48.939	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.880%
50) Toluene-d8	8.653	98	163532	49.475	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.960%
62) 4-Bromofluorobenzene	11.085	95	59555	48.278	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.560%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.172	85	18085	18.537	ug/l	96
3) Chloromethane	1.294	50	18487	17.256	ug/l	96
4) Vinyl Chloride	1.374	62	17516	17.718	ug/l	100
5) Bromomethane	1.599	94	10192	18.714	ug/l	92
6) Chloroethane	1.685	64	10609	17.364	ug/l	98
7) Trichlorofluoromethane	1.886	101	25675	17.878	ug/l	98
8) Diethyl Ether	2.142	74	9760	17.607	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.331	101	16463	18.309	ug/l	92
10) Methyl Iodide	2.453	142	15933	17.472	ug/l	94
11) Tert butyl alcohol	2.971	59	21851	83.546	ug/l	99
12) 1,1-Dichloroethene	2.319	96	15957	17.787	ug/l	92
13) Acrolein	2.239	56	12573	77.293	ug/l	99
14) Allyl chloride	2.666	41	29613	17.375	ug/l	93
15) Acrylonitrile	3.068	53	53013	88.667	ug/l	98
16) Acetone	2.386	43	46284	83.193	ug/l	90
17) Carbon Disulfide	2.514	76	35587	17.051	ug/l	97
18) Methyl Acetate	2.709	43	23639	17.265	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	57561	17.892	ug/l	97
20) Methylene Chloride	2.794	84	19082	17.537	ug/l	87
21) trans-1,2-Dichloroethene	3.093	96	17517	17.601	ug/l	94
22) Diisopropyl ether	3.770	45	62810	17.717	ug/l	94
23) Vinyl Acetate	3.727	43	267525	89.955	ug/l	# 92
24) 1,1-Dichloroethane	3.617	63	33847	17.871	ug/l	95
25) 2-Butanone	4.568	43	75749	87.556	ug/l	91
26) 2,2-Dichloropropane	4.489	77	26169	18.207	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	20287	18.367	ug/l	97
28) Bromochloromethane	4.904	49	15909	17.829	ug/l	# 78
29) Tetrahydrofuran	5.019	42	49742	89.387	ug/l	88
30) Chloroform	5.099	83	33809	17.746	ug/l	98
31) Cyclohexane	5.477	56	31876	17.992	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	26905	17.577	ug/l	97
36) 1,1-Dichloropropene	5.696	75	25090	17.786	ug/l	96
37) Ethyl Acetate	4.727	43	29847	18.266	ug/l	# 93
38) Carbon Tetrachloride	5.690	117	22103	18.681	ug/l	97
39) Methylcyclohexane	7.385	83	31181	18.949	ug/l	97
40) Benzene	6.044	78	75069	18.455	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	15960	17.729	ug/l	94
42) 1,2-Dichloroethane	6.092	62	27364	18.284	ug/l	98
43) Isopropyl Acetate	6.348	43	47628	18.129	ug/l #	91
44) Trichloroethene	7.129	130	17468	18.108	ug/l	91
45) 1,2-Dichloropropane	7.434	63	19617	18.698	ug/l	92
46) Dibromomethane	7.586	93	12489	17.942	ug/l #	86
47) Bromodichloromethane	7.830	83	22897	18.173	ug/l #	96
48) Methyl methacrylate	7.696	41	21857	17.977	ug/l	85
49) 1,4-Dioxane	7.665	88	9178	350.666	ug/l #	92
51) 4-Methyl-2-Pentanone	8.580	43	150766	92.210	ug/l	90
52) Toluene	8.720	92	45999	18.707	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	25125	17.576	ug/l	94
54) cis-1,3-Dichloropropene	8.372	75	27444	17.170	ug/l #	91
55) 1,1,2-Trichloroethane	9.153	97	18402	18.653	ug/l	98
56) Ethyl methacrylate	9.122	69	28380	17.355	ug/l #	78
57) 1,3-Dichloropropane	9.311	76	32038	17.865	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	79193	90.873	ug/l	95
59) 2-Hexanone	9.433	43	112216	90.467	ug/l	89
60) Dibromochloromethane	9.525	129	14487	17.547	ug/l	98
61) 1,2-Dibromoethane	9.610	107	18426	18.390	ug/l	97
64) Tetrachloroethene	9.275	164	15625	18.310	ug/l #	90
65) Chlorobenzene	10.079	112	47646	18.632	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	15053	18.214	ug/l	98
67) Ethyl Benzene	10.195	91	86361	18.340	ug/l	97
68) m/p-Xylenes	10.305	106	66263	37.892	ug/l	97
69) o-Xylene	10.646	106	31030	18.232	ug/l	92
70) Styrene	10.659	104	52756	18.675	ug/l	98
71) Bromoform	10.805	173	8147	17.082	ug/l #	97
73) Isopropylbenzene	10.963	105	83659	19.112	ug/l	100
74) N-amyl acetate	10.848	43	40079	17.610	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	27714	18.434	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	24489m	17.922	ug/l	
77) Bromobenzene	11.201	156	16259	17.862	ug/l	76
78) n-propylbenzene	11.305	91	99311	18.751	ug/l	97
79) 2-Chlorotoluene	11.366	91	60517	18.925	ug/l	95
80) 1,3,5-Trimethylbenzene	11.457	105	69770	19.411	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	6938	18.441	ug/l #	78
82) 4-Chlorotoluene	11.457	91	67795	18.345	ug/l	96
83) tert-Butylbenzene	11.719	119	63172	18.611	ug/l	90
84) 1,2,4-Trimethylbenzene	11.756	105	70769	19.563	ug/l	97
85) sec-Butylbenzene	11.896	105	88775	19.393	ug/l	97
86) p-Isopropyltoluene	12.012	119	69339	19.062	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	33653	19.163	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	33098	18.025	ug/l	94
89) n-Butylbenzene	12.335	91	66167	19.131	ug/l	96
90) Hexachloroethane	12.542	117	9617	16.944	ug/l	70
91) 1,2-Dichlorobenzene	12.335	146	33036	19.274	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5003	16.943	ug/l	75
93) 1,2,4-Trichlorobenzene	13.591	180	18112	19.053	ug/l	96
94) Hexachlorobutadiene	13.725	225	7531	20.218	ug/l	99
95) Naphthalene	13.780	128	71067	18.127	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	18481	19.301	ug/l	96

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

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