

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062821\
 Data File : VX022969.D
 Acq On : 28 Jun 2021 11:01
 Operator : JC/MD
 Sample : VX0628WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/29/2021 12:24:22 PM

Quant Time: Jun 28 16:19:48 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	73238	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	141819	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	129357	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55199	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	69005	51.918	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.840%	
35) Dibromofluoromethane	5.391	113	49073	54.490	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.980%	
50) Toluene-d8	8.653	98	190059	53.848	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 107.700%	
62) 4-Bromofluorobenzene	11.085	95	68208	51.780	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.560%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	21058	20.379	ug/l	98
3) Chloromethane	1.295	50	21208	18.691	ug/l	99
4) Vinyl Chloride	1.374	62	20467	19.548	ug/l	95
5) Bromomethane	1.599	94	12915	22.390	ug/l	96
6) Chloroethane	1.685	64	12973	20.048	ug/l	98
7) Trichlorofluoromethane	1.886	101	31168	20.492	ug/l	95
8) Diethyl Ether	2.136	74	11451	19.505	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.331	101	20466	21.491	ug/l	87
10) Methyl Iodide	2.453	142	18216	18.553	ug/l	95
11) Tert butyl alcohol	2.977	59	25721	92.854	ug/l	98
12) 1,1-Dichloroethene	2.319	96	19086	20.088	ug/l	82
13) Acrolein	2.239	56	18973	110.126	ug/l	100
14) Allyl chloride	2.666	41	35373	19.596	ug/l	92
15) Acrylonitrile	3.069	53	65166	102.910	ug/l	99
16) Acetone	2.386	43	57906	98.273	ug/l	97
17) Carbon Disulfide	2.514	76	43492	19.134	ug/l	99
18) Methyl Acetate	2.709	43	30023	20.704	ug/l	90
19) Methyl tert-butyl Ether	3.123	73	71022	20.844	ug/l	99
20) Methylene Chloride	2.794	84	23042	19.942	ug/l	# 88
21) trans-1,2-Dichloroethene	3.093	96	21124	20.041	ug/l	95
22) Diisopropyl ether	3.770	45	77240	20.571	ug/l	# 92
23) Vinyl Acetate	3.727	43	329309	104.549	ug/l	94
24) 1,1-Dichloroethane	3.611	63	40597	20.238	ug/l	98
25) 2-Butanone	4.562	43	94227	102.835	ug/l	# 87
26) 2,2-Dichloropropane	4.471	77	32160	21.127	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	24086	20.589	ug/l	95
28) Bromochloromethane	4.904	49	19847	21.001	ug/l	# 76
29) Tetrahydrofuran	5.013	42	61360	104.110	ug/l	# 86
30) Chloroform	5.099	83	41012	20.326	ug/l	99
31) Cyclohexane	5.471	56	37122	19.783	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	32965	20.334	ug/l	95
36) 1,1-Dichloropropene	5.702	75	31117	20.657	ug/l	96
37) Ethyl Acetate	4.721	43	37207	21.323	ug/l	# 92
38) Carbon Tetrachloride	5.684	117	25972	20.557	ug/l	95
39) Methylcyclohexane	7.385	83	36283	20.649	ug/l	95
40) Benzene	6.038	78	87516	20.148	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	19722	20.517	ug/l	90
42) 1,2-Dichloroethane	6.086	62	33860	21.187	ug/l	96
43) Isopropyl Acetate	6.342	43	57370	20.450	ug/l #	92
44) Trichloroethene	7.123	130	21025	20.411	ug/l	95
45) 1,2-Dichloropropane	7.434	63	23842	21.281	ug/l	96
46) Dibromomethane	7.586	93	15464	20.805	ug/l #	82
47) Bromodichloromethane	7.824	83	28044	20.413	ug/l	98
48) Methyl methacrylate	7.696	41	26401	20.334	ug/l	86
49) 1,4-Dioxane	7.665	88	11494	411.254	ug/l #	93
51) 4-Methyl-2-Pentanone	8.580	43	187593	107.445	ug/l	90
52) Toluene	8.720	92	53789	20.485	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	31957	20.234	ug/l	93
54) cis-1,3-Dichloropropene	8.373	75	34497	19.753	ug/l #	92
55) 1,1,2-Trichloroethane	9.153	97	21945	20.831	ug/l	97
56) Ethyl methacrylate	9.116	69	36073	20.167	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	39321	20.533	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.245	63	105010	111.583	ug/l	95
59) 2-Hexanone	9.433	43	145340	109.727	ug/l	86
60) Dibromochloromethane	9.525	129	18172	19.975	ug/l	99
61) 1,2-Dibromoethane	9.610	107	22121	20.675	ug/l	99
64) Tetrachloroethene	9.275	164	19020	20.923	ug/l #	90
65) Chlorobenzene	10.080	112	55937	20.533	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	18311	20.799	ug/l	98
67) Ethyl Benzene	10.195	91	104923	20.916	ug/l	95
68) m/p-Xylenes	10.305	106	77501	41.603	ug/l	95
69) o-Xylene	10.647	106	37354	20.602	ug/l	95
70) Styrene	10.659	104	62177	20.661	ug/l	96
71) Bromoform	10.805	173	10088	19.105	ug/l #	98
73) Isopropylbenzene	10.964	105	98239	21.033	ug/l	98
74) N-amyl acetate	10.848	43	50208	20.317	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	34143	21.284	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	31392m	21.531	ug/l	
77) Bromobenzene	11.201	156	19572	20.152	ug/l	78
78) n-propylbenzene	11.305	91	120557	21.332	ug/l	97
79) 2-Chlorotoluene	11.366	91	71686	21.009	ug/l	95
80) 1,3,5-Trimethylbenzene	11.457	105	82010	21.384	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	9247	21.412	ug/l #	81
82) 4-Chlorotoluene	11.457	91	82405	20.898	ug/l	94
83) tert-Butylbenzene	11.719	119	74642	20.609	ug/l	89
84) 1,2,4-Trimethylbenzene	11.756	105	83113	21.532	ug/l	98
85) sec-Butylbenzene	11.896	105	103807	21.253	ug/l	96
86) p-Isopropyltoluene	12.012	119	83734	21.573	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	38494	20.543	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	39129	19.970	ug/l	96
89) n-Butylbenzene	12.335	91	79522	21.548	ug/l	96
90) Hexachloroethane	12.543	117	12068	19.274	ug/l	71
91) 1,2-Dichlorobenzene	12.335	146	38890	21.265	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6560	19.911	ug/l	72
93) 1,2,4-Trichlorobenzene	13.591	180	21417	21.115	ug/l	96
94) Hexachlorobutadiene	13.731	225	8231	20.709	ug/l	99
95) Naphthalene	13.780	128	83796	19.830	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	21385	20.931	ug/l	97

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

