

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062321\
 Data File : VX022861.D
 Acq On : 23 Jun 2021 23:37
 Operator : JC/MD
 Sample : M2803-20MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D-20210621MS

Manual Integrations
 APPROVED

MMDadoda
 6/24/2021 5:00:13 PM

Quant Time: Jun 24 03:39:17 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	59451	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	122559	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	111963	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	47943	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	56774	52.62	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.24%	
35) Dibromofluoromethane	5.397	113	40463	51.99	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.98%	
50) Toluene-d8	8.653	98	153143	50.21	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.42%	
62) 4-Bromofluorobenzene	11.085	95	57510	50.52	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.04%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	31724	37.82	ug/l	100
3) Chloromethane	1.295	50	36216	39.32	ug/l	99
4) Vinyl Chloride	1.374	62	36400	42.83	ug/l	98
5) Bromomethane	1.599	94	26136	55.82	ug/l	95
6) Chloroethane	1.679	64	23985	45.66	ug/l	90
7) Trichlorofluoromethane	1.880	101	56746	45.96	ug/l	94
8) Diethyl Ether	2.136	74	23492	49.29	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.325	101	44806	57.96	ug/l	91
10) Methyl Iodide	2.453	142	36542	40.14	ug/l	93
11) Tert butyl alcohol	2.983	59	60527	269.18	ug/l	98
12) 1,1-Dichloroethene	2.319	96	37100	48.10	ug/l	95
13) Acrolein	2.246	56	18325	131.03	ug/l	97
14) Allyl chloride	2.666	41	63568	43.38	ug/l	# 92
15) Acrylonitrile	3.075	53	129908	252.73	ug/l	98
16) Acetone	2.392	43	129678	271.12	ug/l	94
17) Carbon Disulfide	2.514	76	63081	31.42	ug/l	99
18) Methyl Acetate	2.715	43	52923	44.96	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	133854	48.40	ug/l	99
20) Methylene Chloride	2.794	84	46347	48.86	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	38707	45.24	ug/l	92
22) Diisopropyl ether	3.770	45	145840	47.85	ug/l	93
23) Vinyl Acetate	3.733	43	428168	167.46	ug/l	95
24) 1,1-Dichloroethane	3.617	63	83999	51.59	ug/l	98
25) 2-Butanone	4.568	43	206729	277.94	ug/l	91
26) 2,2-Dichloropropane	4.483	77	23981	19.41	ug/l	92
27) cis-1,2-Dichloroethene	4.495	96	52762	55.56	ug/l	97
28) Bromochloromethane	4.904	49	41914	54.64	ug/l	# 77
29) Tetrahydrofuran	5.019	42	120181	251.20	ug/l	88
30) Chloroform	5.105	83	86402	52.75	ug/l	100
31) Cyclohexane	5.477	56	57077	37.47	ug/l	93
32) 1,1,1-Trichloroethane	5.391	97	67825	51.54	ug/l	96
36) 1,1-Dichloropropene	5.702	75	57742	44.36	ug/l	97
37) Ethyl Acetate	4.727	43	55327	36.69	ug/l	# 93
38) Carbon Tetrachloride	5.684	117	53712	49.19	ug/l	96
39) Methylcyclohexane	7.385	83	56048	36.91	ug/l	97
40) Benzene	6.050	78	182777	48.69	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	43468	52.33	ug/l	93
42) 1,2-Dichloroethane	6.092	62	71478	51.76	ug/l	95
43) Isopropyl Acetate	6.355	43	102794	42.40	ug/l	92
44) Trichloroethene	7.135	130	131312	147.51	ug/l	94
45) 1,2-Dichloropropane	7.434	63	50629	52.29	ug/l	93
46) Dibromomethane	7.586	93	32182	50.10	ug/l #	85
47) Bromodichloromethane	7.830	83	62574	48.06	ug/l	96
48) Methyl methacrylate	7.702	41	61556	54.86	ug/l	87
49) 1,4-Dioxane	7.665	88	24824	1027.78	ug/l #	94
51) 4-Methyl-2-Pentanone	8.580	43	423920	280.96	ug/l	90
52) Toluene	8.720	92	111404	49.09	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	59985	39.65	ug/l	98
54) cis-1,3-Dichloropropene	8.373	75	65522	40.31	ug/l #	90
55) 1,1,2-Trichloroethane	9.153	97	49298	54.15	ug/l	96
56) Ethyl methacrylate	9.122	69	77735	46.44	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	86206	52.09	ug/l	99
59) 2-Hexanone	9.433	43	328097	286.63	ug/l	87
60) Dibromochloromethane	9.525	129	43695	49.07	ug/l	100
61) 1,2-Dibromoethane	9.616	107	48600	52.56	ug/l	99
64) Tetrachloroethene	9.275	164	38172	48.51	ug/l	88
65) Chlorobenzene	10.086	112	119253	50.58	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	43404	56.96	ug/l	97
67) Ethyl Benzene	10.195	91	218893	50.41	ug/l	99
68) m/p-Xylenes	10.305	106	159193	98.73	ug/l	94
69) o-Xylene	10.647	106	78808	50.22	ug/l	94
70) Styrene	10.659	104	134525	51.65	ug/l	96
71) Bromoform	10.805	173	25237	46.47	ug/l #	100
73) Isopropylbenzene	10.964	105	207170	51.07	ug/l	98
74) N-amyl acetate	10.848	43	74695	33.34	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	76690	55.04	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	67560m	53.35	ug/l	
77) Bromobenzene	11.201	156	43488	51.55	ug/l	81
78) n-propylbenzene	11.305	91	246404	50.20	ug/l	97
79) 2-Chlorotoluene	11.366	91	152084	51.32	ug/l	95
80) 1,3,5-Trimethylbenzene	11.457	105	177016	53.14	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.024	75	15596	35.45	ug/l #	83
82) 4-Chlorotoluene	11.457	91	173528	50.67	ug/l	94
83) tert-Butylbenzene	11.719	119	161788	51.43	ug/l	88
84) 1,2,4-Trimethylbenzene	11.756	105	175583	52.37	ug/l	98
85) sec-Butylbenzene	11.896	105	211153	49.77	ug/l	95
86) p-Isopropyltoluene	12.012	119	172102	51.05	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	81796	50.26	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	83710	49.19	ug/l	95
89) n-Butylbenzene	12.335	91	157461	49.13	ug/l	96
90) Hexachloroethane	12.543	117	26250	42.69	ug/l	67
91) 1,2-Dichlorobenzene	12.335	146	82850	52.16	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15968	48.64	ug/l	72
93) 1,2,4-Trichlorobenzene	13.591	180	45879	52.08	ug/l	96
94) Hexachlorobutadiene	13.725	225	15759	45.65	ug/l	100
95) Naphthalene	13.780	128	196341	50.23	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	47848	53.92	ug/l	97

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

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