

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051321\
 Data File : VX021962.D
 Acq On : 13 May 2021 13:25
 Operator : JC/MD
 Sample : VX0513WBS03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0513WBS03

Manual Integrations
 APPROVED

MMDadoda
 5/14/2021 6:48:24 PM

Quant Time: May 14 04:35:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050721W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 08 05:38:18 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	91235	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	171156	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	153058	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68377	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	76700	51.08	ug/l	0.00
Spiked Amount 50.000	Range	78 - 117	Recovery	= 102.16%		
35) Dibromofluoromethane	5.391	113	60806	51.84	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	= 103.68%		
50) Toluene-d8	8.653	98	230716	51.54	ug/l	0.00
Spiked Amount 50.000	Range	92 - 112	Recovery	= 103.08%		
62) 4-Bromofluorobenzene	11.085	95	88092	49.87	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	= 99.74%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	24465	20.37	ug/l	98
3) Chloromethane	1.294	50	27810	19.28	ug/l	100
4) Vinyl Chloride	1.374	62	29646	17.80	ug/l	98
5) Bromomethane	1.611	94	15096	24.84	ug/l	99
6) Chloroethane	1.691	64	18242	21.06	ug/l	96
7) Trichlorofluoromethane	1.892	101	40711	17.73	ug/l	97
8) Diethyl Ether	2.136	74	17097	17.74	ug/l	79
9) 1,1,2-Trichlorotrifluo...	2.331	101	24156	20.69	ug/l	94
10) Methyl Iodide	2.459	142	26254	18.92	ug/l	97
11) Tert butyl alcohol	2.977	59	32058	80.02	ug/l	99
12) 1,1-Dichloroethene	2.325	96	22807	18.43	ug/l	98
13) Acrolein	2.239	56	14392	79.78	ug/l	96
14) Allyl chloride	2.666	41	41690	18.39	ug/l	99
15) Acrylonitrile	3.068	53	66290	88.06	ug/l	98
16) Acetone	2.386	43	62331	92.56	ug/l	94
17) Carbon Disulfide	2.514	76	62596	18.19	ug/l	97
18) Methyl Acetate	2.709	43	33834	18.12	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	78673	19.84	ug/l	98
20) Methylene Chloride	2.794	84	27379	19.80	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	25550	19.35	ug/l	98
22) Diisopropyl ether	3.763	45	77576	18.38	ug/l	90
23) Vinyl Acetate	3.727	43	382992	92.21	ug/l	97
24) 1,1-Dichloroethane	3.617	63	47893	19.74	ug/l	98
25) 2-Butanone	4.562	43	104078	89.81	ug/l	96
26) 2,2-Dichloropropane	4.483	77	42692	19.66	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	30446	19.54	ug/l	98
28) Bromochloromethane	4.903	49	21453	19.35	ug/l	88
29) Tetrahydrofuran	5.013	42	60313	87.59	ug/l	91
30) Chloroform	5.099	83	48352	19.54	ug/l	91
31) Cyclohexane	5.483	56	37720	19.02	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	42087	19.38	ug/l	99
36) 1,1-Dichloropropene	5.702	75	36214	19.96	ug/l	99
37) Ethyl Acetate	4.714	43	39910	18.21	ug/l	97
38) Carbon Tetrachloride	5.678	117	37114	20.46	ug/l	93
39) Methylcyclohexane	7.385	83	40753	20.01	ug/l	95
40) Benzene	6.044	78	109436	20.03	ug/l	100

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41) Methacrylonitrile	4.928	41	22263	18.81	ug/l	95
42) 1,2-Dichloroethane	6.092	62	38080	20.34	ug/l	99
43) Isopropyl Acetate	6.342	43	67071	18.09	ug/l	95
44) Trichloroethene	7.129	130	26759	20.16	ug/l	95
45) 1,2-Dichloropropane	7.434	63	27655	19.33	ug/l	99
46) Dibromomethane	7.586	93	18914	19.54	ug/l	88
47) Bromodichloromethane	7.824	83	38683	19.82	ug/l	99
48) Methyl methacrylate	7.696	41	31564	18.50	ug/l	92
49) 1,4-Dioxane	7.677	88	12397	345.47	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	204134	88.43	ug/l	93
52) Toluene	8.720	92	69152	19.83	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	42766	18.80	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	46617	19.56	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	27797	19.94	ug/l	97
56) Ethyl methacrylate	9.122	69	44830	18.31	ug/l #	90
57) 1,3-Dichloropropane	9.311	76	47865	20.07	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	107080	89.28	ug/l	100
59) 2-Hexanone	9.433	43	156854	88.20	ug/l	93
60) Dibromochloromethane	9.525	129	27639	18.40	ug/l	97
61) 1,2-Dibromoethane	9.610	107	28982	19.94	ug/l	97
64) Tetrachloroethene	9.281	164	23297	23.66	ug/l	95
65) Chlorobenzene	10.079	112	71812	20.24	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	26357	20.23	ug/l	99
67) Ethyl Benzene	10.195	91	133189	20.37	ug/l	100
68) m/p-Xylenes	10.305	106	101038	40.43	ug/l	99
69) o-Xylene	10.646	106	49592	19.88	ug/l	98
70) Styrene	10.659	104	80459	19.40	ug/l	97
71) Bromoform	10.805	173	18126	18.29	ug/l #	100
73) Isopropylbenzene	10.963	105	128026	20.71	ug/l	99
74) N-amyl acetate	10.841	43	58853	17.76	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	42461	18.52	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	38738m	19.93	ug/l	
77) Bromobenzene	11.201	156	27097	20.35	ug/l	89
78) n-propylbenzene	11.305	91	150744	20.58	ug/l	100
79) 2-Chlorotoluene	11.366	91	89220	20.11	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	109673	20.64	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	15618	18.64	ug/l	95
82) 4-Chlorotoluene	11.457	91	103893	20.23	ug/l	97
83) tert-Butylbenzene	11.719	119	102055	19.82	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	110472	20.73	ug/l	99
85) sec-Butylbenzene	11.896	105	129057	20.41	ug/l	100
86) p-Isopropyltoluene	12.012	119	109651	20.35	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	52457	20.85	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	52220	20.06	ug/l	95
89) n-Butylbenzene	12.335	91	101405	20.40	ug/l	98
90) Hexachloroethane	12.542	117	18155	18.64	ug/l	78
91) 1,2-Dichlorobenzene	12.335	146	49900	20.09	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9254	18.20	ug/l	84
93) 1,2,4-Trichlorobenzene	13.591	180	29995	20.05	ug/l	97
94) Hexachlorobutadiene	13.725	225	13038	22.34	ug/l	98
95) Naphthalene	13.780	128	118569	19.34	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	31237	20.60	ug/l	97

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

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