

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052121\
 Data File : VX022109.D
 Acq On : 21 May 2021 12:51
 Operator : JC/MD
 Sample : VX0521WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0521WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/24/2021 3:50:24 PM

Quant Time: May 22 04:52:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	89910	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	177950	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	157449	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69112	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	69578	50.17	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.34%			
35) Dibromofluoromethane	5.397	113	53893	47.76	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.52%			
50) Toluene-d8	8.653	98	209209	48.13	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.26%			
62) 4-Bromofluorobenzene	11.085	95	76518	47.62	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.24%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	20496	18.75	ug/l	93
3) Chloromethane	1.294	50	20754	17.60	ug/l	100
4) Vinyl Chloride	1.373	62	23736	19.03	ug/l	98
5) Bromomethane	1.599	94	12943	17.79	ug/l	99
6) Chloroethane	1.684	64	14953	20.13	ug/l	100
7) Trichlorofluoromethane	1.886	101	34049	18.98	ug/l	98
8) Diethyl Ether	2.136	74	14373	18.63	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	19464	18.27	ug/l	92
10) Methyl Iodide	2.453	142	19767	17.27	ug/l	96
11) Tert butyl alcohol	2.977	59	33350	105.13	ug/l	99
12) 1,1-Dichloroethene	2.318	96	18662	18.11	ug/l	95
13) Acrolein	2.239	56	18791	89.32	ug/l	96
14) Allyl chloride	2.666	41	36115	19.08	ug/l	97
15) Acrylonitrile	3.068	53	62385	99.89	ug/l	99
16) Acetone	2.385	43	58764	97.31	ug/l	97
17) Carbon Disulfide	2.513	76	46526	17.24	ug/l	99
18) Methyl Acetate	2.715	43	30770	19.16	ug/l	97
19) Methyl tert-butyl Ether	3.123	73	67505	19.12	ug/l	100
20) Methylene Chloride	2.794	84	23516	17.54	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	21238	18.95	ug/l	95
22) Diisopropyl ether	3.769	45	68056	18.67	ug/l	92
23) Vinyl Acetate	3.733	43	333274	94.95	ug/l	98
24) 1,1-Dichloroethane	3.617	63	40324	18.85	ug/l	99
25) 2-Butanone	4.568	43	96370	98.64	ug/l	94
26) 2,2-Dichloropropane	4.489	77	35376	18.63	ug/l	98
27) cis-1,2-Dichloroethene	4.501	96	26234	19.25	ug/l	99
28) Bromochloromethane	4.903	49	19341	18.64	ug/l	88
29) Tetrahydrofuran	5.019	42	55193	94.91	ug/l	94
30) Chloroform	5.111	83	42719	19.33	ug/l	92
31) Cyclohexane	5.476	56	30868	17.71	ug/l	98
32) 1,1,1-Trichloroethane	5.397	97	35582	18.84	ug/l	98
36) 1,1-Dichloropropene	5.702	75	30866	18.76	ug/l	97
37) Ethyl Acetate	4.726	43	35991	17.84	ug/l	96
38) Carbon Tetrachloride	5.690	117	29949	18.61	ug/l	97
39) Methylcyclohexane	7.385	83	32648	17.49	ug/l	98
40) Benzene	6.043	78	92623	18.29	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	19242	17.83	ug/l	95
42) 1,2-Dichloroethane	6.092	62	32297	18.21	ug/l	99
43) Isopropyl Acetate	6.354	43	59900	18.16	ug/l	96
44) Trichloroethene	7.129	130	23402	18.60	ug/l	96
45) 1,2-Dichloropropane	7.439	63	24410	18.90	ug/l	97
46) Dibromomethane	7.586	93	16550	18.89	ug/l #	86
47) Bromodichloromethane	7.830	83	32623	18.61	ug/l	100
48) Methyl methacrylate	7.702	41	28695	18.87	ug/l	91
49) 1,4-Dioxane	7.671	88	11823	399.37	ug/l	95
51) 4-Methyl-2-Pentanone	8.579	43	189142	95.70	ug/l	94
52) Toluene	8.726	92	58243	18.17	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	36528	18.05	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	39144	17.99	ug/l	96
55) 1,1,2-Trichloroethane	9.159	97	24211	18.60	ug/l	96
56) Ethyl methacrylate	9.122	69	38882	18.48	ug/l #	91
57) 1,3-Dichloropropane	9.317	76	41604	18.72	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.250	63	99705	87.63	ug/l	98
59) 2-Hexanone	9.433	43	146329	98.44	ug/l	91
60) Dibromochloromethane	9.524	129	23158	18.29	ug/l	99
61) 1,2-Dibromoethane	9.616	107	24727	19.08	ug/l	99
64) Tetrachloroethene	9.281	164	20892	20.21	ug/l	94
65) Chlorobenzene	10.085	112	60356	18.41	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	20713	18.19	ug/l	95
67) Ethyl Benzene	10.195	91	112441	18.65	ug/l	99
68) m/p-Xylenes	10.305	106	86598	38.00	ug/l	95
69) o-Xylene	10.646	106	40642	18.34	ug/l	99
70) Styrene	10.658	104	68924	18.98	ug/l	99
71) Bromoform	10.805	173	14512	17.57	ug/l #	97
73) Isopropylbenzene	10.963	105	108828	18.60	ug/l	100
74) N-amyl acetate	10.847	43	51036	18.38	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	36174	18.66	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	33217m	19.48	ug/l	
77) Bromobenzene	11.201	156	23066	18.60	ug/l	92
78) n-propylbenzene	11.311	91	122993	17.95	ug/l	100
79) 2-Chlorotoluene	11.366	91	74876	18.02	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	90811	18.73	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	12558	17.45	ug/l	95
82) 4-Chlorotoluene	11.457	91	86866	18.14	ug/l	96
83) tert-Butylbenzene	11.719	119	84529	18.18	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	91050	18.66	ug/l	100
85) sec-Butylbenzene	11.896	105	108553	18.37	ug/l	98
86) p-Isopropyltoluene	12.012	119	91287	18.29	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	42500	17.77	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	43005	17.40	ug/l	96
89) n-Butylbenzene	12.335	91	82853	17.95	ug/l	98
90) Hexachloroethane	12.542	117	14135	17.14	ug/l	78
91) 1,2-Dichlorobenzene	12.335	146	42954	18.70	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7859	18.94	ug/l	83
93) 1,2,4-Trichlorobenzene	13.591	180	25128	18.13	ug/l	97
94) Hexachlorobutadiene	13.725	225	9696	17.92	ug/l	97
95) Naphthalene	13.780	128	102166	18.90	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	25648	18.36	ug/l	97

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

