

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051821\
 Data File : VX022071.D
 Acq On : 18 May 2021 23:39
 Operator : JC/MD
 Sample : VX0518WBS03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0518WBS03

Manual Integrations
 APPROVED

MMDadoda
 5/20/2021 5:57:34 PM

Quant Time: May 19 05:31:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051821W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 05:14:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	85374	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	170441	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	155594	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68289	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	169595	48.53	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.06%		
35) Dibromofluoromethane	5.397	113	131777	47.50	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.00%		
50) Toluene-d8	8.653	98	510597	47.96	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.92%		
62) 4-Bromofluorobenzene	11.085	95	187584	47.28	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.56%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	19774	18.78	ug/l	99
3) Chloromethane	1.294	50	22341	18.87	ug/l	93
4) Vinyl Chloride	1.374	62	22926	18.65	ug/l	98
5) Bromomethane	1.611	94	13072	19.35	ug/l	99
6) Chloroethane	1.691	64	14707	17.02	ug/l	99
7) Trichlorofluoromethane	1.892	101	31917	18.07	ug/l	93
8) Diethyl Ether	2.136	74	14231	19.16	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	18799	18.73	ug/l	99
10) Methyl Iodide	2.459	142	17581	15.81	ug/l	98
11) Tert butyl alcohol	2.989	59	29411	88.87	ug/l	96
12) 1,1-Dichloroethene	2.325	96	18588	18.46	ug/l	94
13) Acrolein	2.239	56	18582	86.99	ug/l	98
14) Allyl chloride	2.666	41	34104	18.29	ug/l	98
15) Acrylonitrile	3.075	53	59483	93.51	ug/l	98
16) Acetone	2.392	43	53640	89.36	ug/l	98
17) Carbon Disulfide	2.514	76	46091	18.04	ug/l	97
18) Methyl Acetate	2.709	43	28968	18.50	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	65573	19.09	ug/l	96
20) Methylene Chloride	2.794	84	23469	17.97	ug/l	97
21) trans-1,2-Dichloroethene	3.099	96	20385	18.54	ug/l	96
22) Diisopropyl ether	3.770	45	64969	18.24	ug/l	99
23) Vinyl Acetate	3.727	43	317250	91.23	ug/l	99
24) 1,1-Dichloroethane	3.617	63	39780	18.94	ug/l	99
25) 2-Butanone	4.574	43	92156	92.21	ug/l	98
26) 2,2-Dichloropropane	4.483	77	27589	16.40	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	25332	18.79	ug/l	99
28) Bromochloromethane	4.910	49	18608	18.43	ug/l	100
29) Tetrahydrofuran	5.019	42	52825	89.21	ug/l	98
30) Chloroform	5.105	83	39899	18.72	ug/l	99
31) Cyclohexane	5.477	56	30668	17.85	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	34101	18.41	ug/l	99
36) 1,1-Dichloropropene	5.702	75	29456	18.67	ug/l	99
37) Ethyl Acetate	4.721	43	35509	17.41	ug/l	99
38) Carbon Tetrachloride	5.684	117	28850	18.31	ug/l	98
39) Methylcyclohexane	7.391	83	31476	18.27	ug/l	93
40) Benzene	6.050	78	90562	18.59	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	18841	17.71	ug/l	98
42) 1,2-Dichloroethane	6.092	62	32170	18.84	ug/l	99
43) Isopropyl Acetate	6.348	43	59657	18.28	ug/l	99
44) Trichloroethene	7.135	130	22278	18.67	ug/l	98
45) 1,2-Dichloropropane	7.440	63	23193	18.42	ug/l	95
46) Dibromomethane	7.586	93	15955	18.86	ug/l	98
47) Bromodichloromethane	7.830	83	31321	18.52	ug/l	98
48) Methyl methacrylate	7.696	41	26590	17.94	ug/l	99
49) 1,4-Dioxane	7.690	88	10830	345.70	ug/l #	95
51) 4-Methyl-2-Pentanone	8.580	43	181061	92.19	ug/l	99
52) Toluene	8.720	92	56768	18.15	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	35358	18.76	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	37607	17.86	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	23221	18.77	ug/l	96
56) Ethyl methacrylate	9.122	69	37335	18.29	ug/l	100
57) 1,3-Dichloropropane	9.311	76	39118	17.76	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	96900	90.04	ug/l	99
59) 2-Hexanone	9.433	43	139357	94.61	ug/l	98
60) Dibromochloromethane	9.525	129	22536	18.50	ug/l	99
61) 1,2-Dibromoethane	9.616	107	23313	18.14	ug/l	100
64) Tetrachloroethene	9.281	164	18461	18.24	ug/l	97
65) Chlorobenzene	10.086	112	59237	18.45	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.165	131	20721	18.31	ug/l	97
67) Ethyl Benzene	10.195	91	107714	18.25	ug/l	95
68) m/p-Xylenes	10.305	106	81292	37.03	ug/l	99
69) o-Xylene	10.646	106	40352	18.51	ug/l	99
70) Styrene	10.659	104	66989	18.40	ug/l	99
71) Bromoform	10.805	173	14309	18.43	ug/l #	99
73) Isopropylbenzene	10.963	105	105966	18.58	ug/l	99
74) N-amyl acetate	10.848	43	50381	18.45	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	36199	18.51	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	32831m	18.80	ug/l	
77) Bromobenzene	11.201	156	23069	19.31	ug/l	97
78) n-propylbenzene	11.305	91	122096	18.29	ug/l	100
79) 2-Chlorotoluene	11.366	91	73241	18.40	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	87708	18.38	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.024	75	11931	17.14	ug/l	97
82) 4-Chlorotoluene	11.457	91	85063	18.39	ug/l	99
83) tert-Butylbenzene	11.719	119	83524	18.40	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	88158	18.43	ug/l	98
85) sec-Butylbenzene	11.896	105	104025	17.92	ug/l	99
86) p-Isopropyltoluene	12.012	119	88727	18.55	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	42481	18.48	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	42207	18.18	ug/l	94
89) n-Butylbenzene	12.335	91	78269	17.76	ug/l	99
90) Hexachloroethane	12.542	117	14368	17.68	ug/l	99
91) 1,2-Dichlorobenzene	12.341	146	41405	18.55	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7816	17.84	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	23435	17.57	ug/l	97
94) Hexachlorobutadiene	13.731	225	9082	17.92	ug/l	98
95) Naphthalene	13.780	128	98026	17.76	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	23016	16.83	ug/l	99

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

