

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051821\
 Data File : VX022057.D
 Acq On : 18 May 2021 13:34
 Operator : JC/MD
 Sample : VX0518WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0518WBSD02

Manual Integrations
 APPROVED

MMDadoda
 5/20/2021 5:57:14 PM

Quant Time: May 19 01:58:39 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	5.562	168	83255	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	158054	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	140618	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63974	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	71418	52.12	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.24%			
35) Dibromofluoromethane	5.391	113	54616	50.42	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.84%			
50) Toluene-d8	8.653	98	205878	49.81	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.62%			
62) 4-Bromofluorobenzene	11.085	95	80543	49.37	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.74%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	19481	17.77	ug/l	100
3) Chloromethane	1.295	50	22564	17.14	ug/l	94
4) Vinyl Chloride	1.374	62	24911	16.39	ug/l	98
5) Bromomethane	1.612	94	12395	22.35	ug/l	100
6) Chloroethane	1.691	64	16076	20.33	ug/l	93
7) Trichlorofluoromethane	1.892	101	34867	16.64	ug/l	99
8) Diethyl Ether	2.136	74	15720	17.87	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.331	101	21042	19.75	ug/l	91
10) Methyl Iodide	2.453	142	21735	17.16	ug/l	95
11) Tert butyl alcohol	2.989	59	30825	84.32	ug/l	99
12) 1,1-Dichloroethene	2.319	96	20064	17.77	ug/l	98
13) Acrolein	2.240	56	12275	73.77	ug/l	96
14) Allyl chloride	2.666	41	38088	18.41	ug/l	97
15) Acrylonitrile	3.069	53	65263	95.01	ug/l	98
16) Acetone	2.386	43	59841	97.38	ug/l	98
17) Carbon Disulfide	2.514	76	51528	16.41	ug/l	97
18) Methyl Acetate	2.709	43	33541	19.68	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	72590	20.06	ug/l	98
20) Methylene Chloride	2.794	84	25719	20.38	ug/l	95
21) trans-1,2-Dichloroethene	3.099	96	22636	18.79	ug/l	98
22) Diisopropyl ether	3.770	45	73134	18.99	ug/l	88
23) Vinyl Acetate	3.727	43	355040	93.67	ug/l	96
24) 1,1-Dichloroethane	3.611	63	42798	19.33	ug/l	97
25) 2-Butanone	4.562	43	101474	95.96	ug/l	97
26) 2,2-Dichloropropane	4.477	77	38295	19.32	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	27456	19.31	ug/l	100
28) Bromochloromethane	4.904	49	22636	22.38	ug/l	84
29) Tetrahydrofuran	5.007	42	56891	90.54	ug/l	92
30) Chloroform	5.099	83	43595	19.31	ug/l	98
31) Cyclohexane	5.477	56	33120	18.30	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	37900	19.12	ug/l	100
36) 1,1-Dichloropropene	5.696	75	31545	18.83	ug/l	99
37) Ethyl Acetate	4.715	43	38804	19.17	ug/l	96
38) Carbon Tetrachloride	5.684	117	30265	18.07	ug/l	99
39) Methylcyclohexane	7.385	83	35617	18.94	ug/l	97
40) Benzene	6.044	78	97713	19.37	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	21574	19.74	ug/l	94
42) 1,2-Dichloroethane	6.099	62	35420	20.49	ug/l	99
43) Isopropyl Acetate	6.349	43	65323	19.08	ug/l	95
44) Trichloroethene	7.129	130	23565	19.23	ug/l	93
45) 1,2-Dichloropropane	7.434	63	25447	19.26	ug/l	99
46) Dibromomethane	7.580	93	17303	19.36	ug/l #	87
47) Bromodichloromethane	7.824	83	34895	19.36	ug/l	99
48) Methyl methacrylate	7.696	41	30632	19.45	ug/l	91
49) 1,4-Dioxane	7.684	88	11030	332.86	ug/l #	93
51) 4-Methyl-2-Pentanone	8.574	43	201319	94.44	ug/l	92
52) Toluene	8.720	92	61113	18.98	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	39504	18.81	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	42891	19.49	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	25850	20.08	ug/l	98
56) Ethyl methacrylate	9.122	69	42112	18.62	ug/l #	90
57) 1,3-Dichloropropane	9.311	76	44240	20.09	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	102036	92.13	ug/l	98
59) 2-Hexanone	9.433	43	151219	92.08	ug/l	91
60) Dibromochloromethane	9.525	129	24925	17.97	ug/l	98
61) 1,2-Dibromoethane	9.616	107	25834	19.24	ug/l	100
64) Tetrachloroethene	9.275	164	20334	22.48	ug/l	90
65) Chlorobenzene	10.080	112	65297	20.03	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	23747	19.84	ug/l	97
67) Ethyl Benzene	10.195	91	119413	19.88	ug/l	100
68) m/p-Xylenes	10.305	106	88948	38.74	ug/l	97
69) o-Xylene	10.647	106	43467	18.97	ug/l	99
70) Styrene	10.659	104	72745	19.10	ug/l	99
71) Bromoform	10.805	173	15976	17.55	ug/l #	99
73) Isopropylbenzene	10.964	105	113075	19.55	ug/l	99
74) N-amyl acetate	10.848	43	56642	18.27	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.214	83	40365	18.81	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	37047m	20.37	ug/l	
77) Bromobenzene	11.201	156	24733	19.85	ug/l	88
78) n-propylbenzene	11.305	91	134685	19.65	ug/l	98
79) 2-Chlorotoluene	11.366	91	81094	19.53	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	97376	19.59	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.025	75	14257	18.18	ug/l	96
82) 4-Chlorotoluene	11.457	91	92607	19.27	ug/l	98
83) tert-Butylbenzene	11.720	119	91223	18.93	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	99338	19.92	ug/l	99
85) sec-Butylbenzene	11.890	105	117926	19.93	ug/l	98
86) p-Isopropyltoluene	12.012	119	98761	19.59	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	47271	20.08	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	46564	19.12	ug/l	94
89) n-Butylbenzene	12.335	91	91447	19.67	ug/l	97
90) Hexachloroethane	12.543	117	16199	17.77	ug/l	77
91) 1,2-Dichlorobenzene	12.335	146	47591	20.48	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8882	18.68	ug/l	78
93) 1,2,4-Trichlorobenzene	13.591	180	26430	18.89	ug/l	94
94) Hexachlorobutadiene	13.725	225	10627	19.46	ug/l	96
95) Naphthalene	13.780	128	109331	19.06	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	27421	19.33	ug/l	98

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

