

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051821\
 Data File : VX022066.D
 Acq On : 18 May 2021 20:57
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 5/20/2021 5:57:27 PM

Quant Time: May 19 04:51:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051821W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 04:48:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	86750	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	171485	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	155505	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68648	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	360625	100.01	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 200.02%#			
35) Dibromofluoromethane	5.397	113	283643	100.72	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 201.44%#			
50) Toluene-d8	8.659	98	1091052	102.79	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 205.58%#			
62) 4-Bromofluorobenzene	11.085	95	406085	102.75	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 205.50%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	114483	105.60	ug/l	99
3) Chloromethane	1.294	50	124727	103.70	ug/l	98
4) Vinyl Chloride	1.374	62	132047	104.08	ug/l	97
5) Bromomethane	1.611	94	65997	93.03	ug/l	100
6) Chloroethane	1.678	64	68361	94.26	ug/l	99
7) Trichlorofluoromethane	1.886	101	190151	109.09	ug/l	94
8) Diethyl Ether	2.136	74	80454	105.66	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	108488	105.26	ug/l	98
10) Methyl Iodide	2.453	142	128516	118.08	ug/l	98
11) Tert butyl alcohol	2.995	59	160145m	492.09	ug/l	
12) 1,1-Dichloroethene	2.319	96	107233	104.70	ug/l	94
13) Acrolein	2.239	56	108507	485.17	ug/l	99
14) Allyl chloride	2.666	41	200073	102.03	ug/l	99
15) Acrylonitrile	3.075	53	342286	531.77	ug/l	99
16) Acetone	2.392	43	303009	502.95	ug/l	100
17) Carbon Disulfide	2.514	76	276160	105.13	ug/l	99
18) Methyl Acetate	2.709	43	164785	102.00	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	373966	107.53	ug/l	99
20) Methylene Chloride	2.794	84	129584	94.46	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	119192	104.12	ug/l	95
22) Diisopropyl ether	3.770	45	397981	109.57	ug/l	99
23) Vinyl Acetate	3.733	43	1942918	550.99	ug/l	100
24) 1,1-Dichloroethane	3.617	63	227911	106.39	ug/l	99
25) 2-Butanone	4.574	43	530576	519.66	ug/l	97
26) 2,2-Dichloropropane	4.483	77	178767	105.32	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	144682	106.35	ug/l	99
28) Bromochloromethane	4.916	49	106745	103.71	ug/l	98
29) Tetrahydrofuran	5.019	42	316923	535.95	ug/l	98
30) Chloroform	5.105	83	233190	107.43	ug/l	97
31) Cyclohexane	5.483	56	177215	102.84	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	199165	106.05	ug/l	100
36) 1,1-Dichloropropene	5.702	75	170709	105.96	ug/l	99
37) Ethyl Acetate	4.727	43	208836	101.91	ug/l	99
38) Carbon Tetrachloride	5.690	117	171661	106.72	ug/l	99
39) Methylcyclohexane	7.385	83	185163	108.05	ug/l	98
40) Benzene	6.050	78	519164	105.89	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	111254	103.95	ug/l	97
42) 1,2-Dichloroethane	6.098	62	184839	107.91	ug/l	100
43) Isopropyl Acetate	6.354	43	352373	107.36	ug/l	99
44) Trichloroethene	7.135	130	129300	106.35	ug/l	98
45) 1,2-Dichloropropane	7.440	63	139451	110.90	ug/l	96
46) Dibromomethane	7.586	93	92942	110.81	ug/l	98
47) Bromodichloromethane	7.830	83	189773	109.67	ug/l	98
48) Methyl methacrylate	7.702	41	162747	110.74	ug/l	99
49) 1,4-Dioxane	7.683	88	62116	2039.43	ug/l	97
51) 4-Methyl-2-Pentanone	8.586	43	1053754	531.62	ug/l	100
52) Toluene	8.726	92	334741	106.21	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	216191	114.62	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	229166	110.90	ug/l	98
55) 1,1,2-Trichloroethane	9.159	97	136873	110.11	ug/l	99
56) Ethyl methacrylate	9.122	69	227898	110.49	ug/l	99
57) 1,3-Dichloropropane	9.311	76	235623	107.60	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.250	63	581400	529.67	ug/l	98
59) 2-Hexanone	9.439	43	790522	531.16	ug/l	100
60) Dibromochloromethane	9.525	129	140984	116.90	ug/l	100
61) 1,2-Dibromoethane	9.616	107	140218	109.06	ug/l	99
64) Tetrachloroethene	9.281	164	103069	102.15	ug/l	96
65) Chlorobenzene	10.085	112	345077	107.18	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	126020	111.04	ug/l	100
67) Ethyl Benzene	10.201	91	639779	109.65	ug/l	97
68) m/p-Xylenes	10.305	106	476365	213.50	ug/l	100
69) o-Xylene	10.646	106	233748	107.98	ug/l	99
70) Styrene	10.659	104	406330	112.57	ug/l	99
71) Bromoform	10.805	173	89245	118.92	ug/l #	99
73) Isopropylbenzene	10.969	105	620689	108.75	ug/l	99
74) N-amyl acetate	10.848	43	311057	110.72	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.219	83	207027	106.10	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	179410m	81.02	ug/l	
77) Bromobenzene	11.201	156	129624	108.04	ug/l	97
78) n-propylbenzene	11.311	91	750938	111.64	ug/l	99
79) 2-Chlorotoluene	11.372	91	434993	107.82	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	523611	110.17	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	78145	116.28	ug/l	98
82) 4-Chlorotoluene	11.457	91	506404	108.40	ug/l	99
83) tert-Butylbenzene	11.719	119	486248	106.55	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	525701	107.41	ug/l	99
85) sec-Butylbenzene	11.896	105	641955	111.90	ug/l	98
86) p-Isopropyltoluene	12.012	119	542077	111.22	ug/l	99
87) 1,3-Dichlorobenzene	11.975	146	246255	104.82	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	247899	105.20	ug/l	100
89) n-Butylbenzene	12.335	91	505302	114.31	ug/l	99
90) Hexachloroethane	12.542	117	92140	111.48	ug/l	99
91) 1,2-Dichlorobenzene	12.341	146	234848	103.78	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	48219	112.39	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	148771	112.69	ug/l	100
94) Hexachlorobutadiene	13.731	225	53776	109.90	ug/l	97
95) Naphthalene	13.780	128	608767	113.68	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	149673	112.71	ug/l	99

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

