

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042021\
 Data File : VX021753.D
 Acq On : 20 Apr 2021 12:56
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 4/21/2021 4:35:42 PM

Quant Time: Apr 20 13:23:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042021W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 20 13:07:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	179912	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	285729	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	269581	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	140540	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	205034	72.74	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 145.48%#			
35) Dibromofluoromethane	5.464	113	188462	94.79	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 189.58%#			
50) Toluene-d8	8.695	98	719577	100.51	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 201.02%#			
62) 4-Bromofluorobenzene	11.122	95	275164	99.26	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 198.52%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	180613	93.13	ug/l	99
3) Chloromethane	1.313	50	228433	90.11	ug/l	99
4) Vinyl Chloride	1.392	62	216827	106.47	ug/l	100
5) Bromomethane	1.617	94	81030	96.70	ug/l	96
6) Chloroethane	1.697	64	130220	101.60	ug/l	100
7) Trichlorofluoromethane	1.910	101	294466	92.10	ug/l	98
8) Diethyl Ether	2.166	74	117515	102.40	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.361	101	171388	94.03	ug/l	96
10) Methyl Iodide	2.483	142	137358	108.58	ug/l	99
11) Tert butyl alcohol	3.026	59	220400	452.03	ug/l	99
12) 1,1-Dichloroethene	2.349	96	176019	97.52	ug/l	95
13) Acrolein	2.276	56	180491	609.06	ug/l	99
14) Allyl chloride	2.703	41	273646	77.71	ug/l	96
15) Acrylonitrile	3.117	53	484530	427.50	ug/l	99
16) Acetone	2.422	43	361866	339.37	ug/l	100
17) Carbon Disulfide	2.544	76	495533	97.56	ug/l	100
18) Methyl Acetate	2.751	43	198469	65.55	ug/l	99
19) Methyl tert-butyl Ether	3.166	73	592999	89.88	ug/l	99
20) Methylene Chloride	2.831	84	203397	93.34	ug/l	96
21) trans-1,2-Dichloroethene	3.142	96	196881	99.60	ug/l	94
22) Diisopropyl ether	3.824	45	545636	79.86	ug/l	96
23) Vinyl Acetate	3.782	43	2443088	420.91	ug/l	99
24) 1,1-Dichloroethane	3.666	63	330530	88.22	ug/l	100
25) 2-Butanone	4.635	43	632610	387.16	ug/l	99
26) 2,2-Dichloropropane	4.550	77	303369	92.89	ug/l	98
27) cis-1,2-Dichloroethene	4.562	96	227932	99.48	ug/l	94
28) Bromochloromethane	4.983	49	128526	70.02	ug/l	86
29) Tetrahydrofuran	5.086	42	405201	382.53	ug/l	99
30) Chloroform	5.178	83	350196	88.88	ug/l	98
31) Cyclohexane	5.550	56	287050	90.22	ug/l	97
32) 1,1,1-Trichloroethane	5.458	97	310768	88.85	ug/l	97
36) 1,1-Dichloropropene	5.763	75	265700	96.39	ug/l	98
37) Ethyl Acetate	4.794	43	248454	79.83	ug/l	99
38) Carbon Tetrachloride	5.751	117	289110	97.99	ug/l	99
39) Methylcyclohexane	7.440	83	335533	108.17	ug/l	96
40) Benzene	6.111	78	793618	101.08	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.001	41	137691	77.17	ug/l	98
42) 1,2-Dichloroethane	6.159	62	257177	78.46	ug/l	98
43) Isopropyl Acetate	6.409	43	428471	85.00	ug/l	100
44) Trichloroethene	7.184	130	232713	109.66	ug/l	96
45) 1,2-Dichloropropane	7.488	63	205192	97.17	ug/l	98
46) Dibromomethane	7.635	93	145346	94.70	ug/l	94
47) Bromodichloromethane	7.872	83	292756	93.99	ug/l	100
48) Methyl methacrylate	7.744	41	207297	77.97	ug/l	98
49) 1,4-Dioxane	7.714	88	99154	1983.69	ug/l	96
51) 4-Methyl-2-Pentanone	8.622	43	1265862	412.16	ug/l	99
52) Toluene	8.762	92	520629	106.58	ug/l	99
53) t-1,3-Dichloropropene	9.019	75	338303	105.72	ug/l	98
54) cis-1,3-Dichloropropene	8.415	75	359931	105.74	ug/l	94
55) 1,1,2-Trichloroethane	9.195	97	210726	102.69	ug/l	98
56) Ethyl methacrylate	9.159	69	323869	105.11	ug/l	98
57) 1,3-Dichloropropane	9.354	76	343177	98.49	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.293	63	834498	488.33	ug/l	98
59) 2-Hexanone	9.470	43	954795	413.35	ug/l	98
60) Dibromochloromethane	9.561	129	262101	112.52	ug/l	99
61) 1,2-Dibromoethane	9.653	107	230840	104.76	ug/l	100
64) Tetrachloroethene	9.317	164	218057	118.31	ug/l	97
65) Chlorobenzene	10.122	112	590094	108.69	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.201	131	226339	108.78	ug/l	98
67) Ethyl Benzene	10.232	91	1012727	103.50	ug/l	97
68) m/p-Xylenes	10.341	106	792229	224.08	ug/l	94
69) o-Xylene	10.683	106	382861	111.93	ug/l	93
70) Styrene	10.695	104	647523	110.12	ug/l	98
71) Bromoform	10.841	173	212466	122.79	ug/l #	98
73) Isopropylbenzene	11.000	105	1016757	104.05	ug/l	99
74) N-amyl acetate	10.878	43	382110	83.19	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.250	83	307910	90.16	ug/l	98
76) 1,2,3-Trichloropropane	11.280	75	299238m	93.50	ug/l	
77) Bromobenzene	11.238	156	271423	110.35	ug/l	89
78) n-propylbenzene	11.341	91	1147357	100.12	ug/l	97
79) 2-Chlorotoluene	11.402	91	662053	95.55	ug/l	95
80) 1,3,5-Trimethylbenzene	11.488	105	862484	103.51	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.055	75	124250	113.92	ug/l	87
82) 4-Chlorotoluene	11.494	91	783612	95.53	ug/l	96
83) tert-Butylbenzene	11.750	119	854636	104.45	ug/l	99
84) 1,2,4-Trimethylbenzene	11.792	105	868177	103.25	ug/l	98
85) sec-Butylbenzene	11.927	105	998743	106.49	ug/l	99
86) p-Isopropyltoluene	12.049	119	950299	110.76	ug/l	98
87) 1,3-Dichlorobenzene	12.006	146	476740	107.50	ug/l	99
88) 1,4-Dichlorobenzene	12.079	146	473751	103.38	ug/l	99
89) n-Butylbenzene	12.372	91	813955	104.38	ug/l	98
90) Hexachloroethane	12.579	117	176902	112.42	ug/l	89
91) 1,2-Dichlorobenzene	12.372	146	455993	105.86	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.981	75	69613	89.65	ug/l	89
93) 1,2,4-Trichlorobenzene	13.627	180	339207	118.52	ug/l	99
94) Hexachlorobutadiene	13.762	225	164766	125.18	ug/l	98
95) Naphthalene	13.816	128	1016932	110.84	ug/l	100
96) 1,2,3-Trichlorobenzene	13.999	180	328600	115.46	ug/l	99

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

