

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042021\
 Data File : VX021754.D
 Acq On : 20 Apr 2021 13:20
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 4/21/2021 4:35:44 PM

Quant Time: Apr 20 13:40:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042021W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 20 13:28:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	169548	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	273484	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	256291	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	134261	50.00	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	306731	162.03	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 324.06%#			
35) Dibromofluoromethane	5.464	113	276765	160.45	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 320.90%#			
50) Toluene-d8	8.695	98	1069942	161.56	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 323.12%#			
62) 4-Bromofluorobenzene	11.122	95	400391	161.98	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 323.96%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	255619	158.08	ug/l	99
3) Chloromethane	1.313	50	323553	133.79	ug/l	100
4) Vinyl Chloride	1.392	62	308812	160.30	ug/l	100
5) Bromomethane	1.617	94	115522	132.46	ug/l	98
6) Chloroethane	1.691	64	183445	149.19	ug/l	98
7) Trichlorofluoromethane	1.904	101	406672	157.02	ug/l	97
8) Diethyl Ether	2.166	74	167269	156.63	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.355	101	241490	155.20	ug/l	97
10) Methyl Iodide	2.483	142	211442	219.58	ug/l	100
11) Tert butyl alcohol	3.032	59	310757	734.82	ug/l	100
12) 1,1-Dichloroethene	2.349	96	248505	160.62	ug/l	93
13) Acrolein	2.276	56	256329	752.93	ug/l	99
14) Allyl chloride	2.703	41	373781	148.26	ug/l	96
15) Acrylonitrile	3.117	53	693141	827.10	ug/l	99
16) Acetone	2.428	43	512866	780.92	ug/l	99
17) Carbon Disulfide	2.544	76	717823	163.22	ug/l	100
18) Methyl Acetate	2.751	43	285302	160.93	ug/l	99
19) Methyl tert-butyl Ether	3.166	73	839638	156.76	ug/l	100
20) Methylene Chloride	2.831	84	288136	144.45	ug/l	97
21) trans-1,2-Dichloroethene	3.135	96	279106	156.38	ug/l	98
22) Diisopropyl ether	3.824	45	782681	156.12	ug/l	98
23) Vinyl Acetate	3.788	43	3498907	811.87	ug/l	100
24) 1,1-Dichloroethane	3.666	63	477639	161.50	ug/l	99
25) 2-Butanone	4.635	43	905067	821.08	ug/l	99
26) 2,2-Dichloropropane	4.550	77	426042	146.49	ug/l	98
27) cis-1,2-Dichloroethene	4.562	96	323337	160.10	ug/l	94
28) Bromochloromethane	4.977	49	185942	149.49	ug/l	89
29) Tetrahydrofuran	5.092	42	586039	816.23	ug/l	98
30) Chloroform	5.178	83	492601	152.24	ug/l	99
31) Cyclohexane	5.544	56	414629	154.12	ug/l	96
32) 1,1,1-Trichloroethane	5.458	97	442075	154.05	ug/l	97
36) 1,1-Dichloropropene	5.763	75	384873	161.45	ug/l	99
37) Ethyl Acetate	4.800	43	359260	160.10	ug/l	99
38) Carbon Tetrachloride	5.751	117	408766	155.60	ug/l	99
39) Methylcyclohexane	7.440	83	484170	155.81	ug/l	96
40) Benzene	6.111	78	1135783	159.36	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.007	41	196396	154.59	ug/l	98
42) 1,2-Dichloroethane	6.159	62	369210	159.66	ug/l	98
43) Isopropyl Acetate	6.415	43	619638	157.15	ug/l	100
44) Trichloroethene	7.183	130	331937	159.66	ug/l	96
45) 1,2-Dichloropropane	7.488	63	295909	157.97	ug/l	97
46) Dibromomethane	7.635	93	208634	159.06	ug/l	95
47) Bromodichloromethane	7.872	83	421258	157.18	ug/l	100
48) Methyl methacrylate	7.744	41	306473	160.19	ug/l	98
49) 1,4-Dioxane	7.714	88	138536	3054.20	ug/l	97
51) 4-Methyl-2-Pentanone	8.622	43	1799584	799.59	ug/l	99
52) Toluene	8.762	92	741988	160.71	ug/l	99
53) t-1,3-Dichloropropene	9.019	75	490863	164.31	ug/l	100
54) cis-1,3-Dichloropropene	8.415	75	501789	157.89	ug/l	94
55) 1,1,2-Trichloroethane	9.195	97	296494	155.49	ug/l	99
56) Ethyl methacrylate	9.159	69	461677	160.90	ug/l	98
57) 1,3-Dichloropropane	9.354	76	494237	162.75	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.293	63	1187483	856.29	ug/l	98
59) 2-Hexanone	9.476	43	1347563	798.65	ug/l	99
60) Dibromochloromethane	9.567	129	371354	161.50	ug/l	100
61) 1,2-Dibromoethane	9.653	107	330037	160.04	ug/l	99
64) Tetrachloroethene	9.317	164	308022	154.47	ug/l	98
65) Chlorobenzene	10.122	112	838465	160.28	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.201	131	321548	158.59	ug/l	99
67) Ethyl Benzene	10.232	91	1433818	157.92	ug/l	97
68) m/p-Xylenes	10.341	106	1121268	319.90	ug/l	94
69) o-Xylene	10.683	106	538812	159.33	ug/l	94
70) Styrene	10.695	104	920345	160.71	ug/l	98
71) Bromoform	10.841	173	298014	163.10	ug/l #	99
73) Isopropylbenzene	11.000	105	1426866	151.76	ug/l	99
74) N-amyl acetate	10.878	43	539582	148.86	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.250	83	434792	152.16	ug/l	98
76) 1,2,3-Trichloropropane	11.280	75	411196m	155.36	ug/l	
77) Bromobenzene	11.238	156	379476	153.20	ug/l	90
78) n-propylbenzene	11.341	91	1611851	155.69	ug/l	97
79) 2-Chlorotoluene	11.402	91	950222	156.02	ug/l	95
80) 1,3,5-Trimethylbenzene	11.488	105	1228351	154.78	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.055	75	175934	152.45	ug/l	87
82) 4-Chlorotoluene	11.494	91	1112789	157.93	ug/l	97
83) tert-Butylbenzene	11.756	119	1209185	152.16	ug/l	98
84) 1,2,4-Trimethylbenzene	11.792	105	1237365	154.30	ug/l	98
85) sec-Butylbenzene	11.927	105	1422632	157.02	ug/l	99
86) p-Isopropyltoluene	12.048	119	1349076	156.73	ug/l	98
87) 1,3-Dichlorobenzene	12.006	146	681393	160.57	ug/l	99
88) 1,4-Dichlorobenzene	12.079	146	683211	158.90	ug/l	99
89) n-Butylbenzene	12.372	91	1167719	161.62	ug/l	98
90) Hexachloroethane	12.579	117	252589	161.79	ug/l	86
91) 1,2-Dichlorobenzene	12.372	146	651858	158.72	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.981	75	102442	161.98	ug/l	89
93) 1,2,4-Trichlorobenzene	13.627	180	502553	172.22	ug/l	100
94) Hexachlorobutadiene	13.762	225	248786	173.60	ug/l	99
95) Naphthalene	13.816	128	1484170	167.10	ug/l	100
96) 1,2,3-Trichlorobenzene	13.999	180	490583	175.84	ug/l	99

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

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