

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032421\
 Data File : VX021428.D
 Acq On : 24 Mar 2021 11:36
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 3/25/2021 9:49:35 AM

Quant Time: Mar 24 11:58:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 11:38:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.623	168	79280	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	131882	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	125390	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	63611	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	132636	102.58	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 205.16%#	
35) Dibromofluoromethane	5.464	113	95971	106.75	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 213.50%#	
50) Toluene-d8	8.694	98	346837	105.86	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 211.72%#	
62) 4-Bromofluorobenzene	11.123	95	137381	108.54	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 217.08%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.181	85	91069	97.89	ug/l	98
3) Chloromethane	1.310	50	101444	57.66	ug/l	99
4) Vinyl Chloride	1.393	62	95028	100.16	ug/l	99
5) Bromomethane	1.616	94	34944	85.62	ug/l	99
6) Chloroethane	1.693	64	58525	100.55	ug/l	99
7) Trichlorofluoromethane	1.905	101	149199	103.56	ug/l	99
8) Diethyl Ether	2.169	74	50378	99.68	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.358	101	83813	102.19	ug/l	97
10) Methyl Iodide	2.481	142	66087	95.29	ug/l #	87
11) Tert butyl alcohol	3.028	59	113050	521.24	ug/l	97
12) 1,1-Dichloroethene	2.346	96	80968	101.50	ug/l	85
13) Acrolein	2.275	56	53244	403.47	ug/l	99
14) Allyl chloride	2.699	41	166381	101.15	ug/l #	89
15) Acrylonitrile	3.117	53	269855	532.01	ug/l	97
16) Acetone	2.422	43	252834	527.02	ug/l #	88
17) Carbon Disulfide	2.546	76	220768	89.47	ug/l	99
18) Methyl Acetate	2.752	43	156862	116.69	ug/l	90
19) Methyl tert-butyl Ether	3.169	73	316007	105.38	ug/l	99
20) Methylene Chloride	2.834	84	97112	99.33	ug/l	88
21) trans-1,2-Dichloroethene	3.134	96	90858	101.64	ug/l	91
22) Diisopropyl ether	3.828	45	331401	104.69	ug/l	93
23) Vinyl Acetate	3.787	43	1434541	523.44	ug/l #	93
24) 1,1-Dichloroethane	3.664	63	177129	103.40	ug/l	97
25) 2-Butanone	4.634	43	397210	541.52	ug/l	91
26) 2,2-Dichloropropane	4.546	77	152762	102.53	ug/l	95
27) cis-1,2-Dichloroethene	4.558	96	107096	104.13	ug/l	91
28) Bromochloromethane	4.976	49	82676	102.26	ug/l	86
29) Tetrahydrofuran	5.093	42	256372	530.35	ug/l	86
30) Chloroform	5.176	83	187353	105.04	ug/l	100
31) Cyclohexane	5.546	56	152110	98.47	ug/l	91
32) 1,1,1-Trichloroethane	5.458	97	167161	105.72	ug/l	97
36) 1,1-Dichloropropene	5.764	75	134298	101.53	ug/l	96
37) Ethyl Acetate	4.799	43	152631	99.81	ug/l #	93
38) Carbon Tetrachloride	5.752	117	146353	106.25	ug/l	96
39) Methylcyclohexane	7.435	83	151837	103.34	ug/l	94
40) Benzene	6.111	78	384675	105.33	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.005	41	88787	100.20	ug/l	88
42) 1,2-Dichloroethane	6.158	62	164775	104.24	ug/l	94
43) Isopropyl Acetate	6.411	43	259301	103.35	ug/l #	91
44) Trichloroethene	7.188	130	99940	103.11	ug/l	91
45) 1,2-Dichloropropane	7.488	63	103968	105.72	ug/l	97
46) Dibromomethane	7.635	93	75136	104.11	ug/l	93
47) Bromodichloromethane	7.876	83	156643	108.46	ug/l	100
48) Methyl methacrylate	7.747	41	140030	104.62	ug/l #	82
49) 1,4-Dioxane	7.717	88	48852	1968.00	ug/l #	90
51) 4-Methyl-2-Pentanone	8.623	43	815042	552.94	ug/l	88
52) Toluene	8.764	92	244057	107.96	ug/l	97
53) t-1,3-Dichloropropene	9.023	75	168002	109.99	ug/l	99
54) cis-1,3-Dichloropropene	8.411	75	174335	107.20	ug/l #	84
55) 1,1,2-Trichloroethane	9.194	97	103026	110.93	ug/l	98
56) Ethyl methacrylate	9.158	69	165184	111.07	ug/l #	76
57) 1,3-Dichloropropane	9.353	76	174019	107.59	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.294	63	441623	539.07	ug/l	96
59) 2-Hexanone	9.476	43	613958	556.73	ug/l	85
60) Dibromochloromethane	9.564	129	119524	113.18	ug/l	99
61) 1,2-Dibromoethane	9.653	107	111869	109.49	ug/l	100
64) Tetrachloroethene	9.317	164	84336	90.94	ug/l #	85
65) Chlorobenzene	10.123	112	269584	104.49	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.206	131	104804	109.05	ug/l	100
67) Ethyl Benzene	10.235	91	498820	104.99	ug/l	98
68) m/p-Xylenes	10.341	106	360990	212.61	ug/l	95
69) o-Xylene	10.682	106	173227	105.06	ug/l	95
70) Styrene	10.694	104	304248	109.55	ug/l	96
71) Bromoform	10.841	173	85567	110.48	ug/l #	98
73) Isopropylbenzene	11.000	105	479841	102.04	ug/l	99
74) N-amyl acetate	10.882	43	228255	97.03	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.253	83	160426	102.72	ug/l	100
76) 1,2,3-Trichloropropane	11.276	75	152478m	101.30	ug/l	
77) Bromobenzene	11.241	156	115284	102.92	ug/l	95
78) n-propylbenzene	11.341	91	565557	102.95	ug/l	98
79) 2-Chlorotoluene	11.406	91	333139	99.75	ug/l	98
80) 1,3,5-Trimethylbenzene	11.488	105	411910	103.63	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.059	75	53216	99.76	ug/l	87
82) 4-Chlorotoluene	11.494	91	399561	101.54	ug/l	96
83) tert-Butylbenzene	11.753	119	405116	106.72	ug/l	94
84) 1,2,4-Trimethylbenzene	11.788	105	416328	103.05	ug/l	98
85) sec-Butylbenzene	11.929	105	468364	104.62	ug/l	99
86) p-Isopropyltoluene	12.047	119	427235	104.28	ug/l	97
87) 1,3-Dichlorobenzene	12.012	146	211216	103.59	ug/l	98
88) 1,4-Dichlorobenzene	12.082	146	205539	99.04	ug/l	97
89) n-Butylbenzene	12.371	91	395671	105.99	ug/l	98
90) Hexachloroethane	12.577	117	77593	121.93	ug/l	93
91) 1,2-Dichlorobenzene	12.377	146	202350	102.27	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.983	75	40154	100.81	ug/l	82
93) 1,2,4-Trichlorobenzene	13.630	180	141949	108.78	ug/l	99
94) Hexachlorobutadiene	13.765	225	58586	106.58	ug/l	97
95) Naphthalene	13.818	128	466719	104.68	ug/l	100
96) 1,2,3-Trichlorobenzene	14.000	180	135416	104.85	ug/l	97

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

