

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101321\
 Data File : VX024782.D
 Acq On : 13 Oct 2021 12:01
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Manual Integrations
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 10/14/2021 2:35:53 PM

Quant Time: Oct 13 12:33:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 12:24:58 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	187209	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	292486	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	285729	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	155825	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	347720	131.79	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 263.58%#			
35) Dibromofluoromethane	5.397	113	274537	141.29	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 282.58%#			
50) Toluene-d8	8.653	98	1030820	144.14	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 288.28%#			
62) 4-Bromofluorobenzene	11.085	95	423263	150.53	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 301.06%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	285081	151.34	ug/l	98
3) Chloromethane	1.294	50	237695	133.86	ug/l	99
4) Vinyl Chloride	1.374	62	262410	141.28	ug/l	100
5) Bromomethane	1.593	94	127254	101.79	ug/l	98
6) Chloroethane	1.666	64	142611	100.63	ug/l	100
7) Trichlorofluoromethane	1.873	101	424978	129.66	ug/l	99
8) Diethyl Ether	2.136	74	144368	129.40	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	249347	134.90	ug/l	100
10) Methyl Iodide	2.447	142	342544	132.45	ug/l	98
11) Tert butyl alcohol	2.995	59	364389	547.57	ug/l	100
12) 1,1-Dichloroethene	2.312	96	239127	139.34	ug/l	95
13) Acrolein	2.239	56	147499	1040.09	ug/l	98
14) Allyl chloride	2.660	41	443515	141.36	ug/l	97
15) Acrylonitrile	3.074	53	789213	658.41	ug/l	99
16) Acetone	2.392	43	772062	627.24	ug/l	99
17) Carbon Disulfide	2.501	76	616588	133.89	ug/l	98
18) Methyl Acetate	2.709	43	545075	137.96	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	909019	140.55	ug/l	99
20) Methylene Chloride	2.788	84	271492	120.96	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	263295	135.11	ug/l	96
22) Diisopropyl ether	3.769	45	882822	137.72	ug/l	97
23) Vinyl Acetate	3.733	43	3462895	667.12	ug/l	98
24) 1,1-Dichloroethane	3.611	63	490166	137.72	ug/l	99
25) 2-Butanone	4.574	43	1179976	649.38	ug/l	99
26) 2,2-Dichloropropane	4.483	77	441410	137.87	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	313249	137.53	ug/l	95
28) Bromochloromethane	4.910	49	220568	136.52	ug/l	97
29) Tetrahydrofuran	5.019	42	758284	654.92	ug/l	99
30) Chloroform	5.105	83	530039	134.84	ug/l	97
31) Cyclohexane	5.476	56	451734	142.98	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	489203	140.18	ug/l	98
36) 1,1-Dichloropropene	5.696	75	385711	137.56	ug/l	99
37) Ethyl Acetate	4.727	43	441994	126.26	ug/l	99
38) Carbon Tetrachloride	5.684	117	438954	143.82	ug/l	98
39) Methylcyclohexane	7.385	83	482916	147.09	ug/l	98
40) Benzene	6.043	78	1098235	136.97	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	239369	132.40	ug/l	98
42) 1,2-Dichloroethane	6.092	62	431876	128.26	ug/l	99
43) Isopropyl Acetate	6.348	43	709139	133.24	ug/l	99
44) Trichloroethene	7.129	130	307176	139.25	ug/l	98
45) 1,2-Dichloropropane	7.433	63	287394	138.94	ug/l	98
46) Dibromomethane	7.586	93	207248	133.61	ug/l	97
47) Bromodichloromethane	7.830	83	412118	144.97	ug/l	96
48) Methyl methacrylate	7.702	41	356405	135.24	ug/l	97
49) 1,4-Dioxane	7.665	88	150172	2487.90	ug/l	98
51) 4-Methyl-2-Pentanone	8.586	43	2300076	654.63	ug/l	97
52) Toluene	8.726	92	731517	141.24	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	484926	150.50	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	495003	151.09	ug/l	98
55) 1,1,2-Trichloroethane	9.159	97	306006	142.89	ug/l	98
56) Ethyl methacrylate	9.122	69	505107	148.19	ug/l	96
57) 1,3-Dichloropropane	9.311	76	498764	138.03	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.250	63	1188480	706.37	ug/l	99
59) 2-Hexanone	9.439	43	1808081	653.45	ug/l	96
60) Dibromochloromethane	9.525	129	340756	157.00	ug/l	99
61) 1,2-Dibromoethane	9.616	107	338411	143.94	ug/l	100
64) Tetrachloroethene	9.275	164	283735	143.48	ug/l	98
65) Chlorobenzene	10.085	112	814174	136.78	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	313834	141.47	ug/l	99
67) Ethyl Benzene	10.195	91	1456312	138.21	ug/l	97
68) m/p-Xylenes	10.305	106	1158123	286.63	ug/l	97
69) o-Xylene	10.646	106	569508	142.54	ug/l	97
70) Styrene	10.659	104	976399	146.15	ug/l	99
71) Bromoform	10.805	173	272052	160.69	ug/l #	99
73) Isopropylbenzene	10.963	105	1494067	135.63	ug/l	99
74) N-amyl acetate	10.847	43	659895	130.23	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.219	83	496803	127.52	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	446466m	126.17	ug/l	
77) Bromobenzene	11.201	156	378235	133.43	ug/l	99
78) n-propylbenzene	11.311	91	1733583	134.62	ug/l	98
79) 2-Chlorotoluene	11.366	91	1053812	134.34	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	1305431	138.72	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	181870	152.59	ug/l	93
82) 4-Chlorotoluene	11.457	91	1234583	133.76	ug/l	99
83) tert-Butylbenzene	11.719	119	1299481	137.73	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	1308826	139.87	ug/l	99
85) sec-Butylbenzene	11.896	105	1620928	139.65	ug/l	100
86) p-Isopropyltoluene	12.012	119	1408797	142.34	ug/l	99
87) 1,3-Dichlorobenzene	11.975	146	729783	135.19	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	736031	131.99	ug/l	99
89) n-Butylbenzene	12.335	91	1252389	142.90	ug/l	99
90) Hexachloroethane	12.542	117	238907	146.79	ug/l	100
91) 1,2-Dichlorobenzene	12.341	146	712426	133.49	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	128309	136.40	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	481891	141.82	ug/l	100
94) Hexachlorobutadiene	13.731	225	210675	135.54	ug/l	98
95) Naphthalene	13.780	128	1632851	150.14	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	484889	139.26	ug/l	99

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

