

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091421\
 Data File : VX024201.D
 Acq On : 14 Sep 2021 11:48
 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
 9/15/2021 5:54:16 PM

Quant Time: Sep 14 12:11:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 14 11:57:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	203051	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	324017	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	320640	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	157182	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	437337	150.290	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 300.580%#	
35) Dibromofluoromethane	5.397	113	340688	151.858	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 303.720%#	
50) Toluene-d8	8.653	98	1271952	156.486	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 312.980%#	
62) 4-Bromofluorobenzene	11.085	95	508057	161.370	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 322.740%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.166	85	277113	140.866	ug/l	98
3) Chloromethane	1.294	50	289632	142.399	ug/l	98
4) Vinyl Chloride	1.380	62	302813	152.641	ug/l	99
5) Bromomethane	1.599	94	158288	136.759	ug/l	98
7) Trichlorofluoromethane	1.874	101	486135	143.256	ug/l	98
8) Diethyl Ether	2.142	74	176357	149.254	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.325	101	289114	144.255	ug/l	96
10) Methyl Iodide	2.447	142	424706	161.611	ug/l	92
11) Tert butyl alcohol	3.001	59	430828	652.404	ug/l	99
12) 1,1-Dichloroethene	2.313	96	282105	148.723	ug/l	94
13) Acrolein	2.246	56	138629	614.298	ug/l	98
14) Allyl chloride	2.660	41	517370	151.785	ug/l	93
15) Acrylonitrile	3.081	53	889313	743.011	ug/l	97
16) Acetone	2.398	43	820924	649.753	ug/l	91
17) Carbon Disulfide	2.508	76	744498	163.606	ug/l	99
18) Methyl Acetate	2.715	43	566456	169.988	ug/l	93
19) Methyl tert-butyl Ether	3.130	73	1058608	150.190	ug/l	99
20) Methylene Chloride	2.788	84	325794	133.154	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	310171	153.152	ug/l	97
22) Diisopropyl ether	3.776	45	1024618	150.912	ug/l	94
23) Vinyl Acetate	3.733	43	4197304	775.963	ug/l	96
24) 1,1-Dichloroethane	3.617	63	581886	150.127	ug/l	98
25) 2-Butanone	4.580	43	1335163	728.429	ug/l	94
26) 2,2-Dichloropropane	4.483	77	520648	149.247	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	366631	150.551	ug/l	97
28) Bromochloromethane	4.910	49	244182	146.789	ug/l	99
29) Tetrahydrofuran	5.026	42	859742	744.708	ug/l	92
30) Chloroform	5.105	83	624952	148.459	ug/l	100
31) Cyclohexane	5.477	56	506218	152.872	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	581223	152.676	ug/l	100
36) 1,1-Dichloropropene	5.702	75	454786	148.009	ug/l	99
37) Ethyl Acetate	4.733	43	514735	148.218	ug/l	95
38) Carbon Tetrachloride	5.684	117	518792	154.729	ug/l	99
39) Methylcyclohexane	7.385	83	540244	148.929	ug/l	98
40) Benzene	6.044	78	1293348	149.418	ug/l	99
41) Methacrylonitrile	4.940	41	282947	152.466	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	6.098	62	522617	146.370	ug/l	95
43) Isopropyl Acetate	6.355	43	847914	150.119	ug/l	95
44) Trichloroethene	7.135	130	363397	148.946	ug/l	99
45) 1,2-Dichloropropane	7.440	63	338977	150.451	ug/l	98
46) Dibromomethane	7.586	93	248700	150.209	ug/l	100
47) Bromodichloromethane	7.830	83	497249	158.808	ug/l	99
48) Methyl methacrylate	7.702	41	428470	159.219	ug/l	90
49) 1,4-Dioxane	7.671	88	174834	2887.112	ug/l	97
51) 4-Methyl-2-Pentanone	8.586	43	2644564	741.604	ug/l	93
52) Toluene	8.726	92	880910	156.866	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	595119	167.283	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	593586	161.099	ug/l	93
55) 1,1,2-Trichloroethane	9.159	97	366862	153.070	ug/l	98
56) Ethyl methacrylate	9.122	69	608745	163.927	ug/l #	88
57) 1,3-Dichloropropane	9.311	76	600679	153.406	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.251	63	1418448	806.617	ug/l	100
59) 2-Hexanone	9.439	43	2008897	720.907	ug/l	91
60) Dibromochloromethane	9.525	129	416994	169.536	ug/l	99
61) 1,2-Dibromoethane	9.616	107	400499	158.809	ug/l	100
64) Tetrachloroethene	9.281	164	343810	136.626	ug/l	95
65) Chlorobenzene	10.086	112	988518	149.311	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.171	131	382140	148.554	ug/l	100
67) Ethyl Benzene	10.195	91	1746290	148.721	ug/l	98
68) m/p-Xylenes	10.305	106	1386729	307.869	ug/l	98
69) o-Xylene	10.646	106	688850	152.880	ug/l	97
70) Styrene	10.659	104	1149402	159.024	ug/l	98
71) Bromoform	10.805	173	311081	160.803	ug/l	99
73) Isopropylbenzene	10.970	105	1765240	150.020	ug/l	99
74) N-amyl acetate	10.848	43	748275	148.430	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.220	83	536705	141.340	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	476862m	131.999	ug/l	
77) Bromobenzene	11.201	156	444369	146.700	ug/l	94
78) n-propylbenzene	11.311	91	2035309	152.557	ug/l	98
79) 2-Chlorotoluene	11.372	91	1217688	145.980	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	1500919	150.648	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	198617	161.488	ug/l	99
82) 4-Chlorotoluene	11.457	91	1409520	148.205	ug/l	100
83) tert-Butylbenzene	11.719	119	1470234	151.257	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	1485478	149.452	ug/l	99
85) sec-Butylbenzene	11.896	105	1821518	149.698	ug/l	99
86) p-Isopropyltoluene	12.012	119	1552358	151.598	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	797972	147.473	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	798332	147.855	ug/l	99
89) n-Butylbenzene	12.335	91	1342733	153.000	ug/l	99
90) Hexachloroethane	12.542	117	260497	159.415	ug/l	98
91) 1,2-Dichlorobenzene	12.341	146	764996	144.377	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	136409	157.004	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	509375	161.909	ug/l	99
94) Hexachlorobutadiene	13.725	225	221620	146.893	ug/l	99
95) Naphthalene	13.780	128	1705517	167.681	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	510158	162.878	ug/l	99

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

