

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081721\
 Data File : VX023758.D
 Acq On : 17 Aug 2021 11:27
 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
 8/19/2021 5:55:59 PM

Quant Time: Aug 17 11:50:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:46:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	229051	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	373780	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	352210	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	173346	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	495410	156.683	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	313.360%#
35) Dibromofluoromethane	5.397	113	381202	156.255	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	312.520%#
50) Toluene-d8	8.653	98	1481256	149.136	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	298.280%#
62) 4-Bromofluorobenzene	11.085	95	557215	169.484	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	338.960%#
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	355975	147.260	ug/l	99
3) Chloromethane	1.295	50	382777	141.907	ug/l	100
4) Vinyl Chloride	1.374	62	385765	149.145	ug/l	99
5) Bromomethane	1.599	94	214923	123.322	ug/l	98
6) Chloroethane	1.666	64	195403	103.854	ug/l	97
7) Trichlorofluoromethane	1.874	101	610021	150.244	ug/l	97
8) Diethyl Ether	2.142	74	213667	151.432	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.319	101	331588	142.995	ug/l	96
10) Methyl Iodide	2.447	142	483096	155.192	ug/l	94
11) Tert butyl alcohol	3.002	59	457690	698.628	ug/l	98
12) 1,1-Dichloroethene	2.313	96	325923	148.733	ug/l	94
13) Acrolein	2.246	56	292061	739.646	ug/l	98
14) Allyl chloride	2.660	41	610208	152.122	ug/l	92
15) Acrylonitrile	3.081	53	1071256	744.910	ug/l	97
16) Acetone	2.398	43	955999	642.448	ug/l	91
17) Carbon Disulfide	2.502	76	864904	173.324	ug/l	100
18) Methyl Acetate	2.715	43	511969	141.928	ug/l	91
19) Methyl tert-butyl Ether	3.130	73	1197746	160.563	ug/l	98
20) Methylene Chloride	2.788	84	377475	133.482	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	354686	152.755	ug/l	95
22) Diisopropyl ether	3.776	45	1279520	163.360	ug/l	93
23) Vinyl Acetate	3.733	43	5210017	828.057	ug/l	95
24) 1,1-Dichloroethane	3.617	63	676834	152.108	ug/l	98
25) 2-Butanone	4.581	43	1618181	754.550	ug/l	92
26) 2,2-Dichloropropane	4.483	77	568098	157.243	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	416143	149.599	ug/l	94
28) Bromochloromethane	4.910	49	346947	178.167	ug/l	92
29) Tetrahydrofuran	5.026	42	1075606	781.216	ug/l	89
30) Chloroform	5.105	83	722016	153.241	ug/l	99
31) Cyclohexane	5.477	56	620198	153.605	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	641879	162.516	ug/l	98
36) 1,1-Dichloropropene	5.702	75	526008	154.684	ug/l	99
37) Ethyl Acetate	4.733	43	641555	152.258	ug/l	# 94
38) Carbon Tetrachloride	5.684	117	570043	163.374	ug/l	99
39) Methylcyclohexane	7.385	83	646805	156.911	ug/l	96
40) Benzene	6.050	78	1520433	149.514	ug/l	99

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41) Methacrylonitrile	4.940	41	348468	153.418	ug/l	92
42) 1,2-Dichloroethane	6.099	62	611144	154.092	ug/l	95
43) Isopropyl Acetate	6.355	43	1048923	162.675	ug/l	93
44) Trichloroethene	7.129	130	418523	148.660	ug/l	100
45) 1,2-Dichloropropane	7.440	63	408979	151.886	ug/l	97
46) Dibromomethane	7.586	93	289024	155.596	ug/l	98
47) Bromodichloromethane	7.830	83	564743	174.191	ug/l	99
48) Methyl methacrylate	7.702	41	524345	168.992	ug/l	87
49) 1,4-Dioxane	7.671	88	187415	2686.183	ug/l #	95
51) 4-Methyl-2-Pentanone	8.586	43	3133928	736.521	ug/l	92
52) Toluene	8.726	92	1036279	160.349	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	682453	191.194	ug/l	99
54) cis-1,3-Dichloropropene	8.373	75	693328	177.690	ug/l #	89
55) 1,1,2-Trichloroethane	9.159	97	422762	158.843	ug/l	99
56) Ethyl methacrylate	9.122	69	693765	173.224	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	699117	157.780	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.251	63	1833520	876.823	ug/l	96
59) 2-Hexanone	9.439	43	2393215	730.327	ug/l	89
60) Dibromochloromethane	9.531	129	458589	189.954	ug/l	99
61) 1,2-Dibromoethane	9.616	107	457532	165.000	ug/l	100
64) Tetrachloroethene	9.281	164	394059	136.707	ug/l	95
65) Chlorobenzene	10.086	112	1105342	151.207	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	420147	166.881	ug/l	99
67) Ethyl Benzene	10.195	91	1999083	159.292	ug/l	98
68) m/p-Xylenes	10.305	106	1537328	324.656	ug/l	99
69) o-Xylene	10.647	106	752667	161.615	ug/l	100
70) Styrene	10.659	104	1264690	170.214	ug/l	97
71) Bromoform	10.805	173	326523	193.302	ug/l #	99
73) Isopropylbenzene	10.964	105	1992776	152.505	ug/l	99
74) N-amyl acetate	10.848	43	917767	155.994	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.220	83	619195	140.103	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	557995m	121.727	ug/l	
77) Bromobenzene	11.201	156	482259	148.320	ug/l	96
78) n-propylbenzene	11.311	91	2304476	155.206	ug/l	99
79) 2-Chlorotoluene	11.366	91	1361664	150.198	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	1657623	155.305	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.025	75	225323	186.457	ug/l	95
82) 4-Chlorotoluene	11.457	91	1579140	154.845	ug/l	100
83) tert-Butylbenzene	11.720	119	1608270	154.934	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	1644238	154.153	ug/l	100
85) sec-Butylbenzene	11.896	105	2067498	158.612	ug/l	99
86) p-Isopropyltoluene	12.012	119	1737796	163.470	ug/l	97
87) 1,3-Dichlorobenzene	11.976	146	880959	150.312	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	883313	151.388	ug/l	99
89) n-Butylbenzene	12.335	91	1569132	165.553	ug/l	98
90) Hexachloroethane	12.543	117	292760	187.060	ug/l	93
91) 1,2-Dichlorobenzene	12.341	146	853067	149.683	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	157159	192.893	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	570644	174.589	ug/l	98
94) Hexachlorobutadiene	13.725	225	233662	153.321	ug/l	99
95) Naphthalene	13.780	128	1922920	185.907	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	575885	178.127	ug/l	99

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

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