

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051921\
 Data File : VX022084.D
 Acq On : 19 May 2021 13:03
 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
 5/21/2021 1:50:04 PM

Quant Time: May 19 13:28:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 13:11:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	93978	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	183439	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	168651	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74450	50.00	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	220801	146.07	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 292.14%#			
35) Dibromofluoromethane	5.397	113	176586	143.30	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 286.60%#			
50) Toluene-d8	8.653	98	693888	147.74	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 295.48%#			
62) 4-Bromofluorobenzene	11.085	95	258569	141.01	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 282.02%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	175080	142.50	ug/l	100
3) Chloromethane	1.288	50	191752	131.74	ug/l	99
4) Vinyl Chloride	1.374	62	203662	122.38	ug/l	100
5) Bromomethane	1.611	94	111606	170.33	ug/l	99
6) Chloroethane	1.678	64	88132	100.72	ug/l	98
7) Trichlorofluoromethane	1.880	101	294853	128.17	ug/l	96
8) Diethyl Ether	2.136	74	124228	127.99	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.331	101	168409	140.26	ug/l	93
10) Methyl Iodide	2.453	142	197898	143.32	ug/l	96
11) Tert butyl alcohol	3.044	59	243368m	609.13	ug/l	
12) 1,1-Dichloroethene	2.319	96	168529	134.05	ug/l	100
13) Acrolein	2.239	56	163809	761.68	ug/l	99
14) Allyl chloride	2.666	41	313812	136.57	ug/l	98
15) Acrylonitrile	3.075	53	524058	688.71	ug/l	99
16) Acetone	2.392	43	456651	666.44	ug/l	99
17) Carbon Disulfide	2.514	76	431307	125.81	ug/l	99
18) Methyl Acetate	2.709	43	257068	135.92	ug/l	95
19) Methyl tert-butyl Ether	3.123	73	579475	143.10	ug/l	100
20) Methylene Chloride	2.794	84	199423	122.11	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	184975	137.93	ug/l	98
22) Diisopropyl ether	3.770	45	640071	149.37	ug/l	96
23) Vinyl Acetate	3.733	43	3078104	733.80	ug/l	96
24) 1,1-Dichloroethane	3.617	63	354408	143.17	ug/l	99
25) 2-Butanone	4.574	43	806293	688.70	ug/l	93
26) 2,2-Dichloropropane	4.483	77	299958	135.49	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	226857	142.37	ug/l	99
28) Bromochloromethane	4.910	49	169721	150.20	ug/l	85
29) Tetrahydrofuran	5.019	42	489323	705.92	ug/l	90
30) Chloroform	5.105	83	359445	142.11	ug/l	99
31) Cyclohexane	5.477	56	280219	139.35	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	310201	139.96	ug/l	99
36) 1,1-Dichloropropene	5.702	75	265967	137.98	ug/l	99
37) Ethyl Acetate	4.727	43	325333	141.03	ug/l	96
38) Carbon Tetrachloride	5.684	117	265791	138.28	ug/l	98
39) Methylcyclohexane	7.385	83	291559	135.59	ug/l	97
40) Benzene	6.050	78	814254	140.77	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	179574	143.51	ug/l	94
42) 1,2-Dichloroethane	6.098	62	282780	142.32	ug/l	99
43) Isopropyl Acetate	6.348	43	544141	139.49	ug/l	95
44) Trichloroethene	7.135	130	201888	143.21	ug/l	99
45) 1,2-Dichloropropane	7.440	63	213800	140.66	ug/l	99
46) Dibromomethane	7.586	93	142352	138.00	ug/l #	88
47) Bromodichloromethane	7.830	83	294666	142.33	ug/l	100
48) Methyl methacrylate	7.702	41	252874	140.77	ug/l	92
49) 1,4-Dioxane	7.690	88	91376	2432.04	ug/l	97
51) 4-Methyl-2-Pentanone	8.586	43	1614645	667.18	ug/l	93
52) Toluene	8.726	92	519545	140.85	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	353199	147.07	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	365819	145.22	ug/l	97
55) 1,1,2-Trichloroethane	9.159	97	212000	143.24	ug/l	98
56) Ethyl methacrylate	9.122	69	352742	136.19	ug/l #	89
57) 1,3-Dichloropropane	9.311	76	363790	144.16	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.250	63	914953	722.55	ug/l	97
59) 2-Hexanone	9.439	43	1198483	645.96	ug/l	91
60) Dibromochloromethane	9.525	129	220502	139.27	ug/l	99
61) 1,2-Dibromoethane	9.616	107	221173	143.83	ug/l	99
64) Tetrachloroethene	9.281	164	161602	146.83	ug/l #	91
65) Chlorobenzene	10.086	112	544410	140.98	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	197297	138.94	ug/l	97
67) Ethyl Benzene	10.201	91	1002661	141.01	ug/l	99
68) m/p-Xylenes	10.305	106	746181	276.02	ug/l	99
69) o-Xylene	10.646	106	368946	136.14	ug/l	99
70) Styrene	10.659	104	637499	142.69	ug/l	98
71) Bromoform	10.805	173	142680	133.97	ug/l #	100
73) Isopropylbenzene	10.970	105	979998	146.74	ug/l	99
74) N-amyl acetate	10.848	43	492349	139.57	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.219	83	322173	131.47	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	275024m	132.09	ug/l	
77) Bromobenzene	11.201	156	205219	142.72	ug/l	89
78) n-propylbenzene	11.311	91	1175562	148.80	ug/l	98
79) 2-Chlorotoluene	11.372	91	677890	141.74	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	813510	142.47	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	124254	139.37	ug/l	97
82) 4-Chlorotoluene	11.457	91	792067	144.00	ug/l	96
83) tert-Butylbenzene	11.719	119	761373	137.61	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	821013	143.24	ug/l	99
85) sec-Butylbenzene	11.896	105	1005980	147.45	ug/l	98
86) p-Isopropyltoluene	12.012	119	834476	144.12	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	390865	143.66	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	395043	140.99	ug/l	97
89) n-Butylbenzene	12.335	91	814619	152.77	ug/l	98
90) Hexachloroethane	12.542	117	146136	139.77	ug/l	75
91) 1,2-Dichlorobenzene	12.341	146	365581	136.82	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	73333	124.79	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	238425	147.82	ug/l	97
94) Hexachlorobutadiene	13.731	225	86917	138.36	ug/l	98
95) Naphthalene	13.780	128	955722	145.98	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	237943	145.86	ug/l	97

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

