

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051921\
 Data File : VX022087.D
 Acq On : 19 May 2021 14:41
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX051921

Manual Integrations
 APPROVED

MMDadoda
 5/21/2021 1:50:07 PM

Quant Time: May 20 04:22:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	93535	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	178127	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	161378	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73822	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	71407	49.49	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.98%		
35) Dibromofluoromethane	5.391	113	55560	49.19	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.38%		
50) Toluene-d8	8.653	98	216727	49.81	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.62%		
62) 4-Bromofluorobenzene	11.085	95	81818	50.87	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.74%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	58248	51.22	ug/l	100
3) Chloromethane	1.288	50	60557	49.37	ug/l	99
4) Vinyl Chloride	1.374	62	66487	51.23	ug/l	98
5) Bromomethane	1.605	94	35251	46.59	ug/l	94
6) Chloroethane	1.685	64	41103	53.19	ug/l	96
7) Trichlorofluoromethane	1.886	101	95510	51.18	ug/l	93
8) Diethyl Ether	2.136	74	40078	49.94	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.331	101	55379	49.98	ug/l	93
10) Methyl Iodide	2.453	142	54619	45.86	ug/l	96
11) Tert butyl alcohol	2.977	59	78524	237.95	ug/l	99
12) 1,1-Dichloroethene	2.319	96	54518	50.86	ug/l	99
13) Acrolein	2.239	56	44355	202.65	ug/l	100
14) Allyl chloride	2.666	41	99208	50.39	ug/l	96
15) Acrylonitrile	3.068	53	163159	251.13	ug/l	99
16) Acetone	2.386	43	150367	239.34	ug/l	96
17) Carbon Disulfide	2.514	76	135695	48.33	ug/l	98
18) Methyl Acetate	2.703	43	79954	47.85	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	185552	50.53	ug/l	98
20) Methylene Chloride	2.788	84	63891	45.80	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	59405	50.95	ug/l	99
22) Diisopropyl ether	3.764	45	188466	49.70	ug/l	96
23) Vinyl Acetate	3.727	43	918203	251.47	ug/l	96
24) 1,1-Dichloroethane	3.611	63	112299	50.46	ug/l	99
25) 2-Butanone	4.562	43	255095	250.98	ug/l	94
26) 2,2-Dichloropropane	4.477	77	100236	50.74	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	72266	50.96	ug/l	99
28) Bromochloromethane	4.897	49	52332	48.47	ug/l	86
29) Tetrahydrofuran	5.007	42	145894	241.17	ug/l	92
30) Chloroform	5.099	83	114413	49.76	ug/l	98
31) Cyclohexane	5.471	56	87632	48.33	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	99910	50.85	ug/l	99
36) 1,1-Dichloropropene	5.696	75	84563	51.34	ug/l	99
37) Ethyl Acetate	4.715	43	98460	48.76	ug/l	96
38) Carbon Tetrachloride	5.684	117	84704	52.57	ug/l	100
39) Methylcyclohexane	7.385	83	94126	50.39	ug/l	98
40) Benzene	6.044	78	255890	50.49	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	52672	48.76	ug/l	95
42) 1,2-Dichloroethane	6.092	62	91214	51.37	ug/l	99
43) Isopropyl Acetate	6.342	43	165018	49.97	ug/l	95
44) Trichloroethene	7.129	130	64199	50.98	ug/l	93
45) 1,2-Dichloropropane	7.434	63	67179	51.96	ug/l	99
46) Dibromomethane	7.586	93	45188	51.52	ug/l #	87
47) Bromodichloromethane	7.824	83	90476	51.55	ug/l	96
48) Methyl methacrylate	7.696	41	76892	50.52	ug/l	93
49) 1,4-Dioxane	7.671	88	30154	1017.55	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	506703	256.13	ug/l	92
52) Toluene	8.720	92	161295	50.26	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	104829	51.74	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	112104	51.47	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	66036	50.68	ug/l	98
56) Ethyl methacrylate	9.116	69	109146	51.83	ug/l #	91
57) 1,3-Dichloropropane	9.311	76	113142	50.86	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	280579	246.36	ug/l	98
59) 2-Hexanone	9.433	43	382880	257.33	ug/l	91
60) Dibromochloromethane	9.525	129	67901	53.57	ug/l	100
61) 1,2-Dibromoethane	9.610	107	68382	52.71	ug/l	98
64) Tetrachloroethene	9.275	164	54041	51.01	ug/l	91
65) Chlorobenzene	10.079	112	172752	51.42	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	62415	53.47	ug/l	98
67) Ethyl Benzene	10.195	91	319505	51.70	ug/l	100
68) m/p-Xylenes	10.305	106	238297	102.03	ug/l	100
69) o-Xylene	10.646	106	117948	51.92	ug/l	100
70) Styrene	10.659	104	195965	52.66	ug/l	98
71) Bromoform	10.805	173	44479	49.73	ug/l #	100
73) Isopropylbenzene	10.963	105	309782	49.58	ug/l	100
74) N-amyl acetate	10.848	43	147334	49.68	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.219	83	101995	49.25	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	93778m	51.49	ug/l	
77) Bromobenzene	11.201	156	66877	50.48	ug/l	91
78) n-propylbenzene	11.305	91	369575	50.50	ug/l	99
79) 2-Chlorotoluene	11.366	91	212888	47.96	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	259692	50.15	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	37867	49.26	ug/l	97
82) 4-Chlorotoluene	11.457	91	250496	48.98	ug/l	97
83) tert-Butylbenzene	11.719	119	248747	50.09	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	264439	50.73	ug/l	99
85) sec-Butylbenzene	11.896	105	321749	50.98	ug/l	98
86) p-Isopropyltoluene	12.012	119	273978	51.40	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	127707	50.00	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	127806	48.41	ug/l	96
89) n-Butylbenzene	12.335	91	258174	52.36	ug/l	99
90) Hexachloroethane	12.542	117	44865	50.93	ug/l	76
91) 1,2-Dichlorobenzene	12.341	146	122355	49.87	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23339	52.67	ug/l	82
93) 1,2,4-Trichlorobenzene	13.591	180	77985	52.68	ug/l	96
94) Hexachlorobutadiene	13.725	225	29511	51.07	ug/l	99
95) Naphthalene	13.780	128	303550	52.58	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	77264	51.77	ug/l	97

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

