

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022521\
 Data File : VN066017.D
 Acq On : 25 Feb 2021 10:03
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 2/26/2021 11:47:09 AM

Quant Time: Feb 26 01:15:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 17 15:48:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.624	168	94241	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	159138	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	147594	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	71502	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	71165	54.00	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 108.00%			
35) Dibromofluoromethane	7.550	113	50570	51.35	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.70%			
50) Toluene-d8	10.055	98	194454	48.10	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.20%			
62) 4-Bromofluorobenzene	12.373	95	77721	51.21	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.42%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.853	85	53931	43.71	ug/l	98
3) Chloromethane	2.055	50	60696	39.26	ug/l	96
4) Vinyl Chloride	2.184	62	62040	40.74	ug/l	98
5) Bromomethane	2.544	94	42135	45.16	ug/l	96
6) Chloroethane	2.689	64	35219	40.99	ug/l	98
7) Trichlorofluoromethane	3.004	101	94141	49.64	ug/l	99
8) Diethyl Ether	3.386	74	32138	46.18	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.730	101	43563	43.43	ug/l	99
10) Methyl Iodide	3.923	142	66887	42.70	ug/l	94
11) Tert butyl alcohol	4.746	59	50920	277.88	ug/l	99
12) 1,1-Dichloroethene	3.708	96	45189	42.69	ug/l	92
13) Acrolein	3.579	56	41047	244.77	ug/l	99
14) Allyl chloride	4.287	41	81196	44.94	ug/l	100
15) Acrylonitrile	4.936	53	120127	236.41	ug/l	98
16) Acetone	3.785	43	119880	289.83	ug/l	94
17) Carbon Disulfide	4.023	76	128987	42.79	ug/l	100
18) Methyl Acetate	4.287	43	52739	48.43	ug/l	99
19) Methyl tert-butyl Ether	5.000	73	178463	52.41	ug/l	99
20) Methylene Chloride	4.518	84	55331	45.28	ug/l	93
21) trans-1,2-Dichloroethene	4.994	96	51176	46.00	ug/l	94
22) Diisopropyl ether	5.907	45	161507	44.69	ug/l	98
23) Vinyl Acetate	5.849	43	677561	238.99	ug/l	99
24) 1,1-Dichloroethane	5.804	63	96895	46.40	ug/l	99
25) 2-Butanone	6.785	43	158239	242.56	ug/l	98
26) 2,2-Dichloropropane	6.779	77	93449	57.05	ug/l	94
27) cis-1,2-Dichloroethene	6.782	96	61815	48.78	ug/l	94
28) Bromochloromethane	7.151	49	40925	42.52	ug/l	98
29) Tetrahydrofuran	7.168	42	96829	215.60	ug/l	95
30) Chloroform	7.328	83	104620	50.71	ug/l	98
31) Cyclohexane	7.614	56	77850	39.62	ug/l	95
32) 1,1,1-Trichloroethane	7.528	97	93682	54.14	ug/l	98
36) 1,1-Dichloropropene	7.750	75	73255	46.68	ug/l	99
37) Ethyl Acetate	6.881	43	63309	44.68	ug/l	95
38) Carbon Tetrachloride	7.733	117	78941	54.13	ug/l	100
39) Methylcyclohexane	9.045	83	80020	45.38	ug/l	98
40) Benzene	8.000	78	223516	46.43	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.123	41	31703	46.22	ug/l #	100
42) 1,2-Dichloroethane	8.084	62	88074	55.67	ug/l	97
43) Isopropyl Acetate	8.123	43	116773	51.71	ug/l #	92
44) Trichloroethene	8.798	130	60651	50.94	ug/l	98
45) 1,2-Dichloropropane	9.081	63	58689	47.60	ug/l	100
46) Dibromomethane	9.171	93	39405	52.47	ug/l	95
47) Bromodichloromethane	9.367	83	86981	56.89	ug/l	97
48) Methyl methacrylate	9.161	41	54908	47.99	ug/l	98
49) 1,4-Dioxane	9.164	88	21280	1091.51	ug/l	98
51) 4-Methyl-2-Pentanone	9.949	43	317765	231.25	ug/l	99
52) Toluene	10.122	92	144441	48.85	ug/l	95
53) t-1,3-Dichloropropene	10.347	75	98596	52.05	ug/l	98
54) cis-1,3-Dichloropropene	9.804	75	104461	55.10	ug/l	97
55) 1,1,2-Trichloroethane	10.528	97	55729	50.36	ug/l	99
56) Ethyl methacrylate	10.396	69	83862	50.40	ug/l	98
57) 1,3-Dichloropropane	10.675	76	96362	49.40	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.659	63	169454	213.33	ug/l	98
59) 2-Hexanone	10.717	43	230570	235.56	ug/l	100
60) Dibromochloromethane	10.872	129	64993	57.47	ug/l	99
61) 1,2-Dibromoethane	10.974	107	58502	52.05	ug/l	99
64) Tetrachloroethene	10.598	164	60952	53.49	ug/l	98
65) Chlorobenzene	11.402	112	156352	50.66	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.479	131	59410	56.04	ug/l	98
67) Ethyl Benzene	11.479	91	277665	49.70	ug/l	99
68) m/p-Xylenes	11.592	106	208974	100.25	ug/l	93
69) o-Xylene	11.917	106	105145	52.31	ug/l	98
70) Styrene	11.933	104	176583	53.37	ug/l	96
71) Bromoform	12.097	173	42214	52.12	ug/l #	99
73) Isopropylbenzene	12.219	105	267221	45.79	ug/l	100
74) N-amyl acetate	12.042	43	84406	41.69	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.476	83	74596	43.33	ug/l	99
76) 1,2,3-Trichloropropane	12.524	75	77189m	44.94	ug/l	
77) Bromobenzene	12.495	156	66018	49.44	ug/l	90
78) n-propylbenzene	12.563	91	301125	45.37	ug/l	100
79) 2-Chlorotoluene	12.646	91	189974	45.67	ug/l	97
80) 1,3,5-Trimethylbenzene	12.704	105	236725	47.75	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.270	75	25524	47.36	ug/l	93
82) 4-Chlorotoluene	12.743	91	200801	47.81	ug/l	96
83) tert-Butylbenzene	12.965	119	192227	46.93	ug/l	96
84) 1,2,4-Trimethylbenzene	13.010	105	241617	48.55	ug/l	99
85) sec-Butylbenzene	13.142	105	245469	46.16	ug/l	99
86) p-Isopropyltoluene	13.261	119	232981	48.25	ug/l	97
87) 1,3-Dichlorobenzene	13.254	146	117322	49.64	ug/l	97
88) 1,4-Dichlorobenzene	13.335	146	117077	48.50	ug/l	96
89) n-Butylbenzene	13.585	91	195886	48.12	ug/l	98
90) Hexachloroethane	13.846	117	32450	39.70	ug/l	97
91) 1,2-Dichlorobenzene	13.624	146	118389	49.96	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.241	75	18550	54.59	ug/l	85
93) 1,2,4-Trichlorobenzene	14.878	180	69559	54.18	ug/l	99
94) Hexachlorobutadiene	14.978	225	27768	50.48	ug/l	98
95) Naphthalene	15.100	128	216296	52.02	ug/l	99
96) 1,2,3-Trichlorobenzene	15.280	180	69725	54.40	ug/l	99

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

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