

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012521\
 Data File : VN065591.D
 Acq On : 25 Jan 2021 21:01
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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MMDadoda
 1/26/2021 5:19:54 PM

Quant Time: Jan 26 01:51:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:47:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.624	168	155075	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	285102	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	252887	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	108626	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	101999	50.00	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.00%			
35) Dibromofluoromethane	7.550	113	82780	49.00	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 98.00%			
50) Toluene-d8	10.058	98	321439	48.40	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.80%			
62) 4-Bromofluorobenzene	12.373	95	118417	49.52	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 99.04%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.836	85	89152	51.32	ug/l	99
3) Chloromethane	2.036	50	133970	52.48	ug/l	98
4) Vinyl Chloride	2.168	62	133700	51.72	ug/l	100
5) Bromomethane	2.531	94	77209	51.60	ug/l	98
6) Chloroethane	2.676	64	77418	51.77	ug/l	98
7) Trichlorofluoromethane	2.991	101	137877	51.02	ug/l	99
8) Diethyl Ether	3.377	74	66000	51.23	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.717	101	81555	49.73	ug/l	95
10) Methyl Iodide	3.907	142	123307	51.30	ug/l	98
11) Tert butyl alcohol	4.766	59	99230	259.66	ug/l	100
12) 1,1-Dichloroethene	3.695	96	91418	48.43	ug/l	92
13) Acrolein	3.570	56	86376	260.70	ug/l	96
14) Allyl chloride	4.274	41	183581	52.45	ug/l	92
15) Acrylonitrile	4.936	53	264827	266.01	ug/l	100
16) Acetone	3.782	43	197986	249.28	ug/l	97
17) Carbon Disulfide	4.004	76	279642	47.05	ug/l	98
18) Methyl Acetate	4.283	43	112113	50.38	ug/l	98
19) Methyl tert-butyl Ether	4.997	73	325489	51.65	ug/l	97
20) Methylene Chloride	4.499	84	109389	49.74	ug/l	95
21) trans-1,2-Dichloroethene	4.987	96	98052	48.87	ug/l	87
22) Diisopropyl ether	5.907	45	373953	52.27	ug/l	94
23) Vinyl Acetate	5.846	43	1529743	267.70	ug/l	97
24) 1,1-Dichloroethane	5.798	63	201407	52.82	ug/l	98
25) 2-Butanone	6.794	43	332613	267.08	ug/l	95
26) 2,2-Dichloropropane	6.775	77	147197	48.23	ug/l	99
27) cis-1,2-Dichloroethene	6.782	96	116908	50.85	ug/l	92
28) Bromochloromethane	7.148	49	78478	48.98	ug/l #	82
29) Tetrahydrofuran	7.174	42	227661	252.04	ug/l	96
30) Chloroform	7.328	83	182250	51.89	ug/l	99
31) Cyclohexane	7.611	56	188295	49.07	ug/l	91
32) 1,1,1-Trichloroethane	7.528	97	146043	51.08	ug/l	98
36) 1,1-Dichloropropene	7.749	75	142751	49.76	ug/l	97
37) Ethyl Acetate	6.888	43	147703	53.66	ug/l	98
38) Carbon Tetrachloride	7.730	117	120365	50.96	ug/l	99
39) Methylcyclohexane	9.045	83	171271	48.93	ug/l	95
40) Benzene	8.000	78	449641	51.32	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.126	41	77996	52.78	ug/l #	100
42) 1,2-Dichloroethane	8.084	62	140496	53.19	ug/l	100
43) Isopropyl Acetate	8.129	43	245735	50.35	ug/l #	92
44) Trichloroethene	8.798	130	105903	49.82	ug/l	93
45) 1,2-Dichloropropane	9.084	63	123828	51.36	ug/l	99
46) Dibromomethane	9.174	93	70537	52.97	ug/l	89
47) Bromodichloromethane	9.370	83	145611	50.97	ug/l	99
48) Methyl methacrylate	9.167	41	121475	52.47	ug/l	89
49) 1,4-Dioxane	9.171	88	40416	1078.75	ug/l	90
51) 4-Methyl-2-Pentanone	9.952	43	698950	259.78	ug/l	100
52) Toluene	10.122	92	263345	50.74	ug/l	99
53) t-1,3-Dichloropropene	10.351	75	170318	51.19	ug/l	99
54) cis-1,3-Dichloropropene	9.807	75	190086	51.29	ug/l	99
55) 1,1,2-Trichloroethane	10.531	97	101999	51.53	ug/l	95
56) Ethyl methacrylate	10.399	69	169659	51.83	ug/l	94
57) 1,3-Dichloropropane	10.675	76	182145	52.28	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.662	63	388375	256.89	ug/l	93
59) 2-Hexanone	10.720	43	495501	265.26	ug/l	99
60) Dibromochloromethane	10.871	129	104017	51.41	ug/l	100
61) 1,2-Dibromoethane	10.974	107	102206	51.80	ug/l	100
64) Tetrachloroethene	10.601	164	98502	46.48	ug/l	96
65) Chlorobenzene	11.402	112	264640	50.02	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.479	131	95703	51.17	ug/l	98
67) Ethyl Benzene	11.479	91	496244	49.93	ug/l	97
68) m/p-Xylenes	11.592	106	361554	100.49	ug/l	96
69) o-Xylene	11.916	106	175362	50.30	ug/l	96
70) Styrene	11.933	104	299034	52.11	ug/l	98
71) Bromoform	12.097	173	67811	52.45	ug/l #	99
73) Isopropylbenzene	12.219	105	458871	48.25	ug/l	99
74) N-amyl acetate	12.042	43	208865	51.92	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.476	83	138539	49.32	ug/l	99
76) 1,2,3-Trichloropropane	12.524	75	144818m	50.98	ug/l	
77) Bromobenzene	12.495	156	101482	49.28	ug/l	75
78) n-propylbenzene	12.563	91	543314	48.47	ug/l	97
79) 2-Chlorotoluene	12.643	91	318198	47.80	ug/l	95
80) 1,3,5-Trimethylbenzene	12.704	105	389480	48.10	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.270	75	54353	49.01	ug/l	91
82) 4-Chlorotoluene	12.743	91	328396	48.32	ug/l	95
83) tert-Butylbenzene	12.965	119	321478	47.61	ug/l	98
84) 1,2,4-Trimethylbenzene	13.010	105	387045	47.92	ug/l	99
85) sec-Butylbenzene	13.141	105	434468	47.66	ug/l	98
86) p-Isopropyltoluene	13.260	119	389361	48.37	ug/l	99
87) 1,3-Dichlorobenzene	13.254	146	179824	48.98	ug/l	96
88) 1,4-Dichlorobenzene	13.334	146	177697	47.70	ug/l	97
89) n-Butylbenzene	13.585	91	348644	48.21	ug/l	98
90) Hexachloroethane	13.846	117	70304	49.92	ug/l	92
91) 1,2-Dichlorobenzene	13.624	146	183791	50.46	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.241	75	28960	51.95	ug/l	88
93) 1,2,4-Trichlorobenzene	14.878	180	102849	46.83	ug/l	99
94) Hexachlorobutadiene	14.977	225	42421	47.12	ug/l	100
95) Naphthalene	15.100	128	321898	46.03	ug/l	100
96) 1,2,3-Trichlorobenzene	15.280	180	99956	46.21	ug/l	99

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

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