

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042821\
 Data File : VN066800.D
 Acq On : 28 Apr 2021 10:08
 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
 4/29/2021 5:52:06 PM

Quant Time: Apr 28 14:56:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 27 16:02:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.588	168	307069	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.516	114	468145	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.348	117	438462	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.285	152	226535	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.950	65	169234	42.89	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	85.78%		
35) Dibromofluoromethane	7.511	113	144510	50.01	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.02%		
50) Toluene-d8	10.026	98	562813	49.62	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.24%		
62) 4-Bromofluorobenzene	12.343	95	210176	54.76	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	109.52%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.835	85	162712	48.91	ug/l	99
3) Chloromethane	2.034	50	217774	49.85	ug/l	98
4) Vinyl Chloride	2.163	62	215877	50.60	ug/l	99
5) Bromomethane	2.509	94	131621	47.28	ug/l	98
6) Chloroethane	2.653	64	128716	48.47	ug/l	100
7) Trichlorofluoromethane	2.970	101	242078	47.19	ug/l	98
8) Diethyl Ether	3.356	74	104506	50.20	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.694	101	151311	49.85	ug/l	99
10) Methyl Iodide	3.885	142	230635	49.77	ug/l	97
11) Tert butyl alcohol	4.705	59	152274	250.29	ug/l	99
12) 1,1-Dichloroethene	3.673	96	148946	48.46	ug/l	99
13) Acrolein	3.544	56	112239	220.88	ug/l	100
14) Allyl chloride	4.244	41	271358	47.00	ug/l	93
15) Acrylonitrile	4.890	53	426952	264.66	ug/l	99
16) Acetone	3.750	43	369165	248.02	ug/l	99
17) Carbon Disulfide	3.981	76	455011	48.26	ug/l	98
18) Methyl Acetate	4.249	43	189631	47.29	ug/l	99
19) Methyl tert-butyl Ether	4.952	73	512839	48.73	ug/l	97
20) Methylene Chloride	4.469	84	185009	49.05	ug/l	98
21) trans-1,2-Dichloroethene	4.949	96	164445	49.75	ug/l	96
22) Diisopropyl ether	5.861	45	549704	47.74	ug/l	98
23) Vinyl Acetate	5.802	43	2316255	241.70	ug/l	99
24) 1,1-Dichloroethane	5.757	63	307898	48.26	ug/l	98
25) 2-Butanone	6.743	43	540877	258.47	ug/l	99
26) 2,2-Dichloropropane	6.733	77	257063	47.46	ug/l	100
27) cis-1,2-Dichloroethene	6.738	96	193751	50.67	ug/l	99
28) Bromochloromethane	7.108	49	135045	46.14	ug/l	95
29) Tetrahydrofuran	7.127	42	356233	249.15	ug/l	99
30) Chloroform	7.288	83	299310	48.33	ug/l	99
31) Cyclohexane	7.575	56	280136	45.92	ug/l	96
32) 1,1,1-Trichloroethane	7.492	97	248782	47.00	ug/l	99
36) 1,1-Dichloropropene	7.714	75	226848	52.15	ug/l	100
37) Ethyl Acetate	6.840	43	230722	49.94	ug/l	99
38) Carbon Tetrachloride	7.696	117	213179	51.10	ug/l	98
39) Methylcyclohexane	9.015	83	285813	55.53	ug/l	96
40) Benzene	7.966	78	722767	53.53	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.084	41	96501	45.93	ug/l #	100
42) 1,2-Dichloroethane	8.050	62	225404	49.42	ug/l	99
43) Isopropyl Acetate	8.093	43	373490	50.87	ug/l	100
44) Trichloroethene	8.766	130	182429	55.54	ug/l	95
45) 1,2-Dichloropropane	9.050	63	192870	53.51	ug/l	99
46) Dibromomethane	9.141	93	120089	54.54	ug/l	98
47) Bromodichloromethane	9.337	83	245546	53.23	ug/l	100
48) Methyl methacrylate	9.133	41	172526	53.88	ug/l	95
49) 1,4-Dioxane	9.133	88	63258	1320.29	ug/l	95
51) 4-Methyl-2-Pentanone	9.919	43	1105824	277.16	ug/l	100
52) Toluene	10.093	92	447906	55.15	ug/l	98
53) t-1,3-Dichloropropene	10.321	75	273948	55.49	ug/l	98
54) cis-1,3-Dichloropropene	9.777	75	305270	55.19	ug/l	97
55) 1,1,2-Trichloroethane	10.501	97	177751	56.97	ug/l	97
56) Ethyl methacrylate	10.370	69	255421	49.53	ug/l	96
57) 1,3-Dichloropropane	10.646	76	295695	55.39	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.632	63	276695	260.06	ug/l	97
59) 2-Hexanone	10.691	43	749130	239.49	ug/l	98
60) Dibromochloromethane	10.842	129	194767	57.32	ug/l	99
61) 1,2-Dibromoethane	10.946	107	183206	58.53	ug/l	100
64) Tetrachloroethene	10.571	164	160076	55.21	ug/l	98
65) Chlorobenzene	11.373	112	478709	54.28	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.450	131	178395	54.23	ug/l	100
67) Ethyl Benzene	11.453	91	847158	54.77	ug/l	100
68) m/p-Xylenes	11.563	106	657804	115.93	ug/l	99
69) o-Xylene	11.890	106	316373	55.84	ug/l	99
70) Styrene	11.906	104	520711	50.67	ug/l	99
71) Bromoform	12.070	173	146481	61.50	ug/l #	98
73) Isopropylbenzene	12.193	105	834071	50.23	ug/l	99
74) N-amyl acetate	12.022	43	190347	48.54	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.448	83	276399	50.59	ug/l	98
76) 1,2,3-Trichloropropane	12.496	75	248683m	52.08	ug/l	
77) Bromobenzene	12.467	156	218217	53.27	ug/l	99
78) n-propylbenzene	12.534	91	972931	53.13	ug/l	100
79) 2-Chlorotoluene	12.617	91	580022	49.79	ug/l	100
80) 1,3,5-Trimethylbenzene	12.676	105	716577	51.11	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.244	75	73257	43.90	ug/l	95
82) 4-Chlorotoluene	12.716	91	594159	52.85	ug/l	100
83) tert-Butylbenzene	12.936	119	602898	50.20	ug/l	98
84) 1,2,4-Trimethylbenzene	12.982	105	700779	53.08	ug/l	97
85) sec-Butylbenzene	13.113	105	825101	52.97	ug/l	99
86) p-Isopropyltoluene	13.231	119	731377	54.70	ug/l	98
87) 1,3-Dichlorobenzene	13.226	146	382054	54.85	ug/l	99
88) 1,4-Dichlorobenzene	13.306	146	386604	52.22	ug/l	98
89) n-Butylbenzene	13.558	91	608771	53.43	ug/l	100
90) Hexachloroethane	13.816	117	139443	49.84	ug/l	88
91) 1,2-Dichlorobenzene	13.596	146	373677	52.93	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.218	75	43950	44.86	ug/l	96
93) 1,2,4-Trichlorobenzene	14.851	180	231431	59.19	ug/l	98
94) Hexachlorobutadiene	14.948	225	122733	56.59	ug/l	99
95) Naphthalene	15.071	128	581700	57.82	ug/l	99
96) 1,2,3-Trichlorobenzene	15.248	180	216990	57.39	ug/l	97

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

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