

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042821\
 Data File : VN066826.D
 Acq On : 28 Apr 2021 20:40
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/29/2021 5:52:16 PM

Quant Time: Apr 29 04:32:20 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	7.591	168	293456	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	454459	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.349	117	434789	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.288	152	218195	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	163397	43.34	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 86.68%			
35) Dibromofluoromethane	7.513	113	147081	52.43	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.86%			
50) Toluene-d8	10.029	98	558832	50.75	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.50%			
62) 4-Bromofluorobenzene	12.346	95	203651	54.66	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 109.32%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.836	85	146425	46.06	ug/l	99
3) Chloromethane	2.034	50	200156	47.95	ug/l	98
4) Vinyl Chloride	2.163	62	203530	49.92	ug/l	99
5) Bromomethane	2.501	94	123735	46.51	ug/l	98
6) Chloroethane	2.651	64	117838	46.43	ug/l	98
7) Trichlorofluoromethane	2.967	101	233940	47.71	ug/l	99
8) Diethyl Ether	3.356	74	97905	49.21	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.692	101	136506	47.06	ug/l	97
10) Methyl Iodide	3.882	142	222789	50.30	ug/l	97
11) Tert butyl alcohol	4.716	59	140993	242.50	ug/l	99
12) 1,1-Dichloroethene	3.670	96	139775	47.59	ug/l	100
13) Acrolein	3.547	56	113226	233.15	ug/l	98
14) Allyl chloride	4.244	41	243329	44.10	ug/l	92
15) Acrylonitrile	4.896	53	399228	258.95	ug/l	99
16) Acetone	3.756	43	292212	205.43	ug/l	97
17) Carbon Disulfide	3.981	76	422112	46.84	ug/l	99
18) Methyl Acetate	4.252	43	179322	46.81	ug/l	99
19) Methyl tert-butyl Ether	4.957	73	474218	47.15	ug/l	97
20) Methylene Chloride	4.469	84	174320	48.36	ug/l	97
21) trans-1,2-Dichloroethene	4.949	96	156828	49.64	ug/l	99
22) Diisopropyl ether	5.867	45	502166	45.63	ug/l	100
23) Vinyl Acetate	5.808	43	2089644	228.17	ug/l	100
24) 1,1-Dichloroethane	5.759	63	289752	47.53	ug/l	99
25) 2-Butanone	6.749	43	476913	238.47	ug/l	100
26) 2,2-Dichloropropane	6.736	77	194356	37.55	ug/l	98
27) cis-1,2-Dichloroethene	6.741	96	182222	49.86	ug/l	98
28) Bromochloromethane	7.111	49	127528	45.59	ug/l	99
29) Tetrahydrofuran	7.130	42	329160	240.90	ug/l	99
30) Chloroform	7.291	83	284865	48.13	ug/l	98
31) Cyclohexane	7.578	56	251943	43.21	ug/l	98
32) 1,1,1-Trichloroethane	7.492	97	239531	47.36	ug/l	99
36) 1,1-Dichloropropene	7.717	75	208630	49.41	ug/l	99
37) Ethyl Acetate	6.846	43	209250	46.65	ug/l	98
38) Carbon Tetrachloride	7.696	117	205446	50.73	ug/l	99
39) Methylcyclohexane	9.015	83	248866	49.81	ug/l	98
40) Benzene	7.969	78	686814	52.40	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.092	41	97206	47.66	ug/l #	100
42) 1,2-Dichloroethane	8.052	62	205696	46.45	ug/l	97
43) Isopropyl Acetate	8.095	43	336791	47.26	ug/l	99
44) Trichloroethene	8.771	130	171729	53.85	ug/l	95
45) 1,2-Dichloropropane	9.053	63	180938	51.71	ug/l	100
46) Dibromomethane	9.144	93	114763	53.69	ug/l	97
47) Bromodichloromethane	9.340	83	229766	51.31	ug/l	99
48) Methyl methacrylate	9.136	41	154161	49.60	ug/l	94
49) 1,4-Dioxane	9.139	88	63047	1355.51	ug/l	96
51) 4-Methyl-2-Pentanone	9.922	43	1012460	261.40	ug/l	98
52) Toluene	10.093	92	422240	53.55	ug/l	98
53) t-1,3-Dichloropropene	10.324	75	244039	50.92	ug/l	98
54) cis-1,3-Dichloropropene	9.777	75	275874	51.38	ug/l	96
55) 1,1,2-Trichloroethane	10.504	97	168377	55.59	ug/l	98
56) Ethyl methacrylate	10.372	69	234694	47.05	ug/l #	94
57) 1,3-Dichloropropane	10.649	76	277808	53.61	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.635	63	280270	268.74	ug/l	98
59) 2-Hexanone	10.694	43	688129	227.66	ug/l	97
60) Dibromochloromethane	10.844	129	188631	57.18	ug/l	100
61) 1,2-Dibromoethane	10.946	107	171918	56.58	ug/l	100
64) Tetrachloroethene	10.573	164	147552	51.32	ug/l	98
65) Chlorobenzene	11.375	112	450277	51.49	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.450	131	172973	53.03	ug/l	99
67) Ethyl Benzene	11.456	91	790137	51.52	ug/l	99
68) m/p-Xylenes	11.566	106	610612	108.53	ug/l	99
69) o-Xylene	11.893	106	298841	53.19	ug/l	97
70) Styrene	11.909	104	486963	47.96	ug/l	100
71) Bromoform	12.073	173	140492	59.49	ug/l #	99
73) Isopropylbenzene	12.193	105	782339	48.91	ug/l	99
74) N-amyl acetate	12.022	43	167128	44.25	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.448	83	256903	48.81	ug/l	97
76) 1,2,3-Trichloropropane	12.499	75	197480m	42.94	ug/l	
77) Bromobenzene	12.470	156	208069	52.73	ug/l	98
78) n-propylbenzene	12.537	91	887008	50.29	ug/l	99
79) 2-Chlorotoluene	12.617	91	543210	48.41	ug/l	99
80) 1,3,5-Trimethylbenzene	12.679	105	669932	49.61	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.247	75	69275	43.23	ug/l	92
82) 4-Chlorotoluene	12.716	91	545700	50.40	ug/l	100
83) tert-Butylbenzene	12.936	119	564913	48.84	ug/l	98
84) 1,2,4-Trimethylbenzene	12.985	105	648759	51.01	ug/l	96
85) sec-Butylbenzene	13.116	105	756651	50.43	ug/l	99
86) p-Isopropyltoluene	13.234	119	664781	51.62	ug/l	99
87) 1,3-Dichlorobenzene	13.229	146	349749	52.13	ug/l	99
88) 1,4-Dichlorobenzene	13.309	146	356491	49.99	ug/l	98
89) n-Butylbenzene	13.561	91	516084	47.02	ug/l	100
90) Hexachloroethane	13.816	117	134650	49.96	ug/l	88
91) 1,2-Dichlorobenzene	13.599	146	350715	51.57	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.218	75	44144	46.79	ug/l	99
93) 1,2,4-Trichlorobenzene	14.854	180	199027	52.85	ug/l	98
94) Hexachlorobutadiene	14.950	225	104039	49.81	ug/l	99
95) Naphthalene	15.071	128	494180	51.00	ug/l	100
96) 1,2,3-Trichlorobenzene	15.251	180	192024	52.73	ug/l	98

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

