

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031921\
 Data File : VN066272.D
 Acq On : 19 Mar 2021 11:18
 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
 3/22/2021 11:50:21 AM

Quant Time: Mar 20 04:55:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031621W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 17 05:05:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.582	168	286311	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	394235	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	397504	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.284	152	207761	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.947	65	169443	41.08	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 82.16%			
35) Dibromofluoromethane	7.504	113	135758	53.98	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.96%			
50) Toluene-d8	10.025	98	513881	52.84	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.68%			
62) 4-Bromofluorobenzene	12.342	95	189153	53.96	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.92%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.818	85	130171	46.20	ug/l	99
3) Chloromethane	2.019	50	190085	41.84	ug/l	98
4) Vinyl Chloride	2.148	62	169737	41.75	ug/l	99
5) Bromomethane	2.510	94	98401	42.30	ug/l	95
6) Chloroethane	2.650	64	97146	41.30	ug/l	100
7) Trichlorofluoromethane	2.963	101	219677	46.15	ug/l	100
8) Diethyl Ether	3.342	74	81607	41.97	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.682	101	113087	44.84	ug/l	97
10) Methyl Iodide	3.870	142	165047	46.22	ug/l	99
11) Tert butyl alcohol	4.707	59	158440	225.02	ug/l	99
12) 1,1-Dichloroethene	3.658	96	109428	40.71	ug/l	98
13) Acrolein	3.529	56	130015	230.19	ug/l	100
14) Allyl chloride	4.227	41	303130	47.60	ug/l	97
15) Acrylonitrile	4.878	53	499909	237.07	ug/l	99
16) Acetone	3.736	43	417684	210.78	ug/l	100
17) Carbon Disulfide	3.964	76	315756	41.59	ug/l	99
18) Methyl Acetate	4.235	43	287749	51.89	ug/l	99
19) Methyl tert-butyl Ether	4.940	73	475974	46.32	ug/l	99
20) Methylene Chloride	4.449	84	140886	45.44	ug/l	94
21) trans-1,2-Dichloroethene	4.932	96	134804	45.26	ug/l	97
22) Diisopropyl ether	5.857	45	533543	40.78	ug/l #	97
23) Vinyl Acetate	5.793	43	2206655	196.72	ug/l #	93
24) 1,1-Dichloroethane	5.745	63	286213	43.89	ug/l	98
25) 2-Butanone	6.745	43	610693	198.41	ug/l #	89
26) 2,2-Dichloropropane	6.726	77	227630	42.23	ug/l	96
27) cis-1,2-Dichloroethene	6.729	96	165249	48.13	ug/l	85
28) Bromochloromethane	7.102	49	140877	40.87	ug/l #	72
29) Tetrahydrofuran	7.123	42	427251	201.58	ug/l	90
30) Chloroform	7.281	83	276007	46.36	ug/l	97
31) Cyclohexane	7.566	56	224135	36.27	ug/l	89
32) 1,1,1-Trichloroethane	7.483	97	230850	45.11	ug/l	96
36) 1,1-Dichloropropene	7.705	75	196319	49.18	ug/l	96
37) Ethyl Acetate	6.839	43	241935	42.40	ug/l #	93
38) Carbon Tetrachloride	7.686	117	195711	54.69	ug/l	98
39) Methylcyclohexane	9.009	83	210889	49.19	ug/l	93
40) Benzene	7.960	78	629437	52.53	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.078	41	120646	42.87	ug/l #	88
42) 1,2-Dichloroethane	8.046	62	215216	49.49	ug/l	95
43) Isopropyl Acetate	8.091	43	391245	44.34	ug/l #	93
44) Trichloroethene	8.762	130	164410	56.43	ug/l	89
45) 1,2-Dichloropropane	9.046	63	182114	52.50	ug/l	99
46) Dibromomethane	9.137	93	110581	57.22	ug/l	91
47) Bromodichloromethane	9.333	83	218392	51.82	ug/l	98
48) Methyl methacrylate	9.132	41	190097	45.45	ug/l #	87
49) 1,4-Dioxane	9.132	88	52792	1163.20	ug/l	89
51) 4-Methyl-2-Pentanone	9.921	43	1269256	238.02	ug/l	92
52) Toluene	10.089	92	385197	55.45	ug/l	100
53) t-1,3-Dichloropropene	10.320	75	243511	51.11	ug/l	100
54) cis-1,3-Dichloropropene	9.773	75	266928	51.56	ug/l #	88
55) 1,1,2-Trichloroethane	10.500	97	162517	57.12	ug/l	95
56) Ethyl methacrylate	10.368	69	235233	46.47	ug/l #	84
57) 1,3-Dichloropropane	10.645	76	274908	53.55	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.631	63	175600	300.60	ug/l	92
59) 2-Hexanone	10.690	43	932537	223.81	ug/l	91
60) Dibromochloromethane	10.840	129	175102	58.75	ug/l	100
61) 1,2-Dibromoethane	10.945	107	164254	57.97	ug/l	100
64) Tetrachloroethene	10.570	164	182541	55.37	ug/l	97
65) Chlorobenzene	11.374	112	427469	53.59	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.449	131	164099	54.92	ug/l	98
67) Ethyl Benzene	11.452	91	718284	50.78	ug/l	97
68) m/p-Xylenes	11.562	106	580319	110.57	ug/l	89
69) o-Xylene	11.889	106	274201	54.39	ug/l	86
70) Styrene	11.905	104	475209	50.70	ug/l	95
71) Bromoform	12.069	173	139672	58.96	ug/l #	100
73) Isopropylbenzene	12.192	105	705222	48.44	ug/l	96
74) N-amyl acetate	12.015	43	287438	36.18	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.447	83	244312	48.01	ug/l	99
76) 1,2,3-Trichloropropane	12.498	75	228236m	42.54	ug/l	
77) Bromobenzene	12.468	156	199932	52.35	ug/l	84
78) n-propylbenzene	12.533	91	824485	49.24	ug/l	95
79) 2-Chlorotoluene	12.616	91	505219	49.40	ug/l	95
80) 1,3,5-Trimethylbenzene	12.678	105	616252	51.02	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.243	75	81039	45.20	ug/l	89
82) 4-Chlorotoluene	12.715	91	532753	47.93	ug/l	95
83) tert-Butylbenzene	12.935	119	456271	43.31	ug/l	99
84) 1,2,4-Trimethylbenzene	12.983	105	565878	47.92	ug/l	99
85) sec-Butylbenzene	13.115	105	671690	49.73	ug/l	98
86) p-Isopropyltoluene	13.233	119	622966	52.58	ug/l	98
87) 1,3-Dichlorobenzene	13.225	146	349752	54.04	ug/l	99
88) 1,4-Dichlorobenzene	13.305	146	357342	52.72	ug/l	96
89) n-Butylbenzene	13.557	91	514463	43.60	ug/l	98
90) Hexachloroethane	13.815	117	104418	50.34	ug/l	93
91) 1,2-Dichlorobenzene	13.595	146	343967	53.95	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.212	75	48306	42.67	ug/l	83
93) 1,2,4-Trichlorobenzene	14.850	180	215370	51.70	ug/l	99
94) Hexachlorobutadiene	14.949	225	103157	50.94	ug/l	98
95) Naphthalene	15.070	128	586857	48.17	ug/l	99
96) 1,2,3-Trichlorobenzene	15.247	180	214461	51.70	ug/l	98

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

