

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060521\
 Data File : VN067246.D
 Acq On : 5 Jun 2021 21:30
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/7/2021 7:29:56 PM

Quant Time: Jun 07 01:19:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060421W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 04 19:00:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.091	168	139368	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.973	114	243898	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	230111	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	164035	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.442	65	86477	45.520	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.040%		
35) Dibromofluoromethane	8.027	113	72581	48.003	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.000%		
50) Toluene-d8	10.446	98	317535	51.565	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	103.140%		
62) 4-Bromofluorobenzene	12.736	95	124884	52.656	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	105.320%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	56328	35.896	ug/l	99
3) Chloromethane	2.303	50	82613	41.817	ug/l	98
4) Vinyl Chloride	2.448	62	144056	57.528	ug/l	100
5) Bromomethane	2.853	94	129287	68.081	ug/l	99
6) Chloroethane	3.019	64	118862	68.453	ug/l	99
7) Trichlorofluoromethane	3.381	101	96441	41.668	ug/l	98
8) Diethyl Ether	3.829	74	37302	41.709	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.221	101	55261	41.585	ug/l	92
10) Methyl Iodide	4.430	142	76590	45.000	ug/l	93
11) Tert butyl alcohol	5.369	59	65667	210.751	ug/l #	81
12) 1,1-Dichloroethene	4.191	96	56873	42.790	ug/l	98
13) Acrolein	4.047	56	15326	172.701	ug/l	93
14) Allyl chloride	4.848	41	102892	42.338	ug/l #	88
15) Acrylonitrile	5.554	53	153615	224.774	ug/l	99
16) Acetone	4.288	43	122611	187.044	ug/l	95
17) Carbon Disulfide	4.537	76	164121	42.276	ug/l	99
18) Methyl Acetate	4.856	43	85120	45.808	ug/l	96
19) Methyl tert-butyl Ether	5.621	73	211995	44.921	ug/l	98
20) Methylene Chloride	5.103	84	71363	43.231	ug/l	94
21) trans-1,2-Dichloroethene	5.602	96	69095	44.727	ug/l	100
22) Diisopropyl ether	6.500	45	214200	45.971	ug/l	93
23) Vinyl Acetate	6.436	43	1044324	230.501	ug/l	97
24) 1,1-Dichloroethane	6.393	63	129021	45.861	ug/l	100
25) 2-Butanone	7.337	43	237955	226.693	ug/l	94
26) 2,2-Dichloropropane	7.332	77	98192	36.133	ug/l	99
27) cis-1,2-Dichloroethene	7.329	96	85177	47.599	ug/l	98
28) Bromochloromethane	7.664	49	62911	45.282	ug/l	85
29) Tetrahydrofuran	7.689	42	149185	238.999	ug/l	93
30) Chloroform	7.823	83	145927	47.950	ug/l	100
31) Cyclohexane	8.099	56	107425	42.116	ug/l	99
32) 1,1,1-Trichloroethane	8.018	97	136349	47.972	ug/l	99
36) 1,1-Dichloropropene	8.225	75	104686	46.475	ug/l	100
37) Ethyl Acetate	7.415	43	103906	47.853	ug/l	94
38) Carbon Tetrachloride	8.212	117	118568	48.198	ug/l	99
39) Methylcyclohexane	9.464	83	121239	47.511	ug/l	99
40) Benzene	8.464	78	338218	48.388	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.643	41	52433	46.645	ug/l #	87
42) 1,2-Dichloroethane	8.533	62	111483	46.451	ug/l	97
43) Isopropyl Acetate	8.563	43	199138	48.230	ug/l	92
44) Trichloroethene	9.220	130	88470	50.301	ug/l	92
45) 1,2-Dichloropropane	9.494	63	84407	48.506	ug/l	99
46) Dibromomethane	9.582	93	61037	49.734	ug/l	91
47) Bromodichloromethane	9.767	83	125799	50.308	ug/l	98
48) Methyl methacrylate	9.563	41	82379	46.043	ug/l #	85
49) 1,4-Dioxane	9.571	88	26807	948.215	ug/l	95
51) 4-Methyl-2-Pentanone	10.336	43	616648	254.841	ug/l	91
52) Toluene	10.510	92	251659	54.587	ug/l	100
53) t-1,3-Dichloropropene	10.722	75	144392	48.965	ug/l	99
54) cis-1,3-Dichloropropene	10.194	75	139602	46.799	ug/l #	88
55) 1,1,2-Trichloroethane	10.902	97	93068	53.182	ug/l	97
56) Ethyl methacrylate	10.765	69	142071	49.746	ug/l #	83
57) 1,3-Dichloropropane	11.049	76	146846	50.915	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.046	63	164653	271.346	ug/l	99
59) 2-Hexanone	11.089	43	444962	253.027	ug/l	92
60) Dibromochloromethane	11.242	129	111911	54.120	ug/l	99
61) 1,2-Dibromoethane	11.350	107	88880	48.276	ug/l	99
64) Tetrachloroethene	10.982	164	96402	61.586	ug/l	96
65) Chlorobenzene	11.776	112	246143	50.181	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.846	131	98548	52.835	ug/l	99
67) Ethyl Benzene	11.848	91	482848	53.504	ug/l	98
68) m/p-Xylenes	11.958	106	411436	116.157	ug/l	95
69) o-Xylene	12.286	106	199364	57.592	ug/l	96
70) Styrene	12.299	104	355092	60.068	ug/l	98
71) Bromoform	12.460	173	88240	57.418	ug/l #	98
73) Isopropylbenzene	12.583	105	535736	42.922	ug/l	100
74) N-amyl acetate	12.390	43	204051	40.567	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.833	83	141785	39.874	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	142016m	45.020	ug/l	
77) Bromobenzene	12.865	156	120528	42.411	ug/l	88
78) n-propylbenzene	12.924	91	635685	43.710	ug/l	96
79) 2-Chlorotoluene	13.109	91	397239	44.986	ug/l	99
80) 1,3,5-Trimethylbenzene	13.063	105	499452	46.214	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.629	75	48949	37.966	ug/l	95
82) 4-Chlorotoluene	13.012	91	375350	44.273	ug/l	100
83) tert-Butylbenzene	13.329	119	425148	45.962	ug/l	93
84) 1,2,4-Trimethylbenzene	13.372	105	509412	47.392	ug/l	98
85) sec-Butylbenzene	13.506	105	593043	46.187	ug/l	99
86) p-Isopropyltoluene	13.618	119	534356	47.015	ug/l	96
87) 1,3-Dichlorobenzene	13.618	146	267221	49.315	ug/l	97
88) 1,4-Dichlorobenzene	13.699	146	263966	48.194	ug/l	98
89) n-Butylbenzene	13.946	91	430156	42.053	ug/l	98
90) Hexachloroethane	14.214	117	83408	42.665	ug/l	85
91) 1,2-Dichlorobenzene	13.991	146	254235	47.624	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.605	75	26874	36.543	ug/l	87
93) 1,2,4-Trichlorobenzene	15.268	180	96054	39.150	ug/l	98
94) Hexachlorobutadiene	15.375	225	51473	37.007	ug/l	98
95) Naphthalene	15.509	128	233908	33.660	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	82392	37.831	ug/l	99

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

