

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060421\
 Data File : VN067203.D
 Acq On : 4 Jun 2021 17:43
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 6/7/2021 7:20:58 PM

Quant Time: Jun 04 18:41:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060421W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 04 18:41:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.091	168	216229	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	381557	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	374108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.680	152	206759	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.442	65	147397	45.005	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.000%		
35) Dibromofluoromethane	8.027	113	115780	49.654	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.300%		
50) Toluene-d8	10.446	98	482828	52.936	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	105.880%		
62) 4-Bromofluorobenzene	12.736	95	189473	59.668	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	119.340%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	107246	40.865	ug/l	97
3) Chloromethane	2.295	50	154191	41.331	ug/l	99
4) Vinyl Chloride	2.445	62	187568	55.704	ug/l	98
5) Bromomethane	2.848	94	143995	71.768	ug/l	100
6) Chloroethane	3.017	64	131969	69.529	ug/l	100
7) Trichlorofluoromethane	3.376	101	159459	41.970	ug/l	93
8) Diethyl Ether	3.829	74	61714	35.705	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.218	101	91283	38.493	ug/l	90
10) Methyl Iodide	4.430	142	125484	36.551	ug/l	94
11) Tert butyl alcohol	5.382	59	116415	175.400	ug/l #	84
12) 1,1-Dichloroethene	4.191	96	92607	37.813	ug/l	91
13) Acrolein	4.047	56	32144	64.393	ug/l	95
14) Allyl chloride	4.848	41	180974	33.897	ug/l	88
15) Acrylonitrile	5.559	53	255331	187.296	ug/l	99
16) Acetone	4.291	43	219452	169.797	ug/l	97
17) Carbon Disulfide	4.540	76	277278	36.984	ug/l	99
18) Methyl Acetate	4.859	43	139424	38.202	ug/l	94
19) Methyl tert-butyl Ether	5.621	73	357872	42.989	ug/l	99
20) Methylene Chloride	5.103	84	117470	36.182	ug/l	95
21) trans-1,2-Dichloroethene	5.605	96	115158	42.179	ug/l	97
22) Diisopropyl ether	6.501	45	365671	39.005	ug/l	93
23) Vinyl Acetate	6.439	43	1758423	204.350	ug/l	97
24) 1,1-Dichloroethane	6.391	63	212854	39.192	ug/l	98
25) 2-Butanone	7.343	43	394147	191.137	ug/l	96
26) 2,2-Dichloropropane	7.332	77	209299	44.241	ug/l	97
27) cis-1,2-Dichloroethene	7.332	96	137452	43.337	ug/l	96
28) Bromochloromethane	7.665	49	104218	39.455	ug/l	82
29) Tetrahydrofuran	7.691	42	250234	186.038	ug/l	93
30) Chloroform	7.825	83	243151	44.755	ug/l	99
31) Cyclohexane	8.099	56	190166	38.470	ug/l	95
32) 1,1,1-Trichloroethane	8.019	97	224377	47.852	ug/l	97
36) 1,1-Dichloropropene	8.228	75	178531	47.024	ug/l	98
37) Ethyl Acetate	7.415	43	168128	41.666	ug/l	96
38) Carbon Tetrachloride	8.212	117	200667	64.000	ug/l	97
39) Methylcyclohexane	9.464	83	208427	49.716	ug/l	98
40) Benzene	8.464	78	558715	48.061	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.643	41	88423	44.517	ug/l #	87
42) 1,2-Dichloroethane	8.536	62	196156	49.266	ug/l	96
43) Isopropyl Acetate	8.566	43	329150	45.805	ug/l	94
44) Trichloroethene	9.220	130	140357	53.013	ug/l	87
45) 1,2-Dichloropropane	9.494	63	139839	44.665	ug/l	96
46) Dibromomethane	9.582	93	96768	49.648	ug/l #	86
47) Bromodichloromethane	9.767	83	201195	49.684	ug/l	98
48) Methyl methacrylate	9.563	41	136596	43.418	ug/l #	86
49) 1,4-Dioxane	9.579	88	47145	1196.521	ug/l	93
51) 4-Methyl-2-Pentanone	10.336	43	958341	241.664	ug/l	93
52) Toluene	10.510	92	377623	53.085	ug/l	99
53) t-1,3-Dichloropropene	10.725	75	242163	55.352	ug/l	99
54) cis-1,3-Dichloropropene	10.194	75	241536	49.912	ug/l #	87
55) 1,1,2-Trichloroethane	10.904	97	141610	51.974	ug/l	98
56) Ethyl methacrylate	10.765	69	233173	57.812	ug/l #	86
57) 1,3-Dichloropropane	11.049	76	234141	49.740	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.046	63	249576	382.524	ug/l	97
59) 2-Hexanone	11.092	43	705202	308.098	ug/l	92
60) Dibromochloromethane	11.242	129	171139	58.856	ug/l	99
61) 1,2-Dibromoethane	11.350	107	150892	55.448	ug/l	99
64) Tetrachloroethene	10.982	164	131297	50.958	ug/l	96
65) Chlorobenzene	11.776	112	400655	52.395	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.846	131	154859	52.908	ug/l	99
67) Ethyl Benzene	11.848	91	745796	52.375	ug/l	98
68) m/p-Xylenes	11.958	106	589057	115.101	ug/l	93
69) o-Xylene	12.286	106	287846	54.883	ug/l	93
70) Styrene	12.299	104	490504	62.770	ug/l	97
71) Bromoform	12.463	173	130673	65.096	ug/l #	100
73) Isopropylbenzene	12.586	105	761362	39.133	ug/l	100
74) N-amyl acetate	12.393	43	310440	74.505	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.833	83	222376	35.025	ug/l	99
76) 1,2,3-Trichloropropane	12.886	75	202365m	37.382	ug/l	
77) Bromobenzene	12.865	156	176686	44.380	ug/l	82
78) n-propylbenzene	12.924	91	898889	43.025	ug/l	96
79) 2-Chlorotoluene	13.112	91	559590	41.180	ug/l	95
80) 1,3,5-Trimethylbenzene	13.063	105	665679	41.204	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.632	75	79179	49.656	ug/l	94
82) 4-Chlorotoluene	13.012	91	535428	44.313	ug/l	98
83) tert-Butylbenzene	13.329	119	581144	39.855	ug/l	93
84) 1,2,4-Trimethylbenzene	13.372	105	671139	45.527	ug/l	97
85) sec-Butylbenzene	13.509	105	803191	44.059	ug/l	99
86) p-Isopropyltoluene	13.621	119	708538	49.116	ug/l	96
87) 1,3-Dichlorobenzene	13.621	146	348847	51.301	ug/l	98
88) 1,4-Dichlorobenzene	13.699	146	348801	48.211	ug/l	97
89) n-Butylbenzene	13.948	91	634999	52.530	ug/l	97
90) Hexachloroethane	14.217	117	122091	41.583	ug/l	82
91) 1,2-Dichlorobenzene	13.994	146	343274	52.912	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.608	75	49763	45.498	ug/l	80
93) 1,2,4-Trichlorobenzene	15.268	180	167180	55.835	ug/l	96
94) Hexachlorobutadiene	15.375	225	90433	50.106	ug/l	99
95) Naphthalene	15.509	128	456909	57.970	ug/l	99
96) 1,2,3-Trichlorobenzene	15.705	180	155508	52.947	ug/l	97

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

