

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062821\
 Data File : VN067528.D
 Acq On : 28 Jun 2021 13:02
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 6/29/2021 6:22:18 PM

Quant Time: Jun 28 13:39:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062821W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 28 13:37:18 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	281628	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	505746	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	479361	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	222182	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	179272	33.361	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	66.720%		
35) Dibromofluoromethane	8.024	113	147172	47.292	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.580%		
50) Toluene-d8	10.443	98	599623	45.885	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	91.760%		
62) 4-Bromofluorobenzene	12.733	95	207412	44.524	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	89.040%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.070	85	147973	33.716	ug/l	100
3) Chloromethane	2.301	50	168310	34.042	ug/l	98
4) Vinyl Chloride	2.443	62	232706	49.787	ug/l	97
5) Bromomethane	2.842	94	175326	63.152	ug/l	97
6) Chloroethane	3.011	64	159259	52.120	ug/l	98
7) Trichlorofluoromethane	3.368	101	418557	57.351	ug/l	99
8) Diethyl Ether	3.821	74	95721	34.900	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.202	101	139355	37.763	ug/l	97
10) Methyl Iodide	4.414	142	180964	43.942	ug/l	92
11) Tert butyl alcohol	5.393	59	142073	162.553	ug/l	98
12) 1,1-Dichloroethene	4.173	96	132787	36.621	ug/l	85
13) Acrolein	4.038	56	91717	128.873	ug/l	100
14) Allyl chloride	4.832	41	221069	28.425	ug/l	# 94
15) Acrylonitrile	5.556	53	375342	161.589	ug/l	98
16) Acetone	4.288	43	287971	140.988	ug/l	90
17) Carbon Disulfide	4.524	76	382018	32.711	ug/l	98
18) Methyl Acetate	4.854	43	161377	28.234	ug/l	# 91
19) Methyl tert-butyl Ether	5.618	73	526853	36.597	ug/l	99
20) Methylene Chloride	5.092	84	164460	33.583	ug/l	86
21) trans-1,2-Dichloroethene	5.594	96	157190	39.729	ug/l	86
22) Diisopropyl ether	6.500	45	490838	31.983	ug/l	# 94
23) Vinyl Acetate	6.436	43	2089666	160.769	ug/l	# 93
24) 1,1-Dichloroethane	6.385	63	281935	33.389	ug/l	97
25) 2-Butanone	7.340	43	491879	155.157	ug/l	# 89
26) 2,2-Dichloropropane	7.327	77	264752	36.435	ug/l	92
27) cis-1,2-Dichloroethene	7.327	96	189265	40.464	ug/l	83
28) Bromochloromethane	7.659	49	123474	30.778	ug/l	# 69
29) Tetrahydrofuran	7.689	42	332482	165.645	ug/l	88
30) Chloroform	7.820	83	314167	38.375	ug/l	98
31) Cyclohexane	8.096	56	262042	30.820	ug/l	90
32) 1,1,1-Trichloroethane	8.016	97	293912	42.373	ug/l	95
36) 1,1-Dichloropropene	8.222	75	229009	41.839	ug/l	94
37) Ethyl Acetate	7.418	43	211274	37.201	ug/l	97
38) Carbon Tetrachloride	8.206	117	254894	52.486	ug/l	98
39) Methylcyclohexane	9.461	83	283550	44.389	ug/l	89
40) Benzene	8.461	78	702841	43.404	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	104228	36.112	ug/l #	90
42) 1,2-Dichloroethane	8.533	62	235994	40.492	ug/l	94
43) Isopropyl Acetate	8.566	43	366213	37.349	ug/l #	93
44) Trichloroethene	9.217	130	186181	55.494	ug/l	84
45) 1,2-Dichloropropane	9.494	63	173322	39.715	ug/l	98
46) Dibromomethane	9.579	93	125780	46.298	ug/l	92
47) Bromodichloromethane	9.764	83	252678	45.613	ug/l	96
48) Methyl methacrylate	9.563	41	154883	36.488	ug/l #	87
49) 1,4-Dioxane	9.571	88	62978	992.663	ug/l #	88
51) 4-Methyl-2-Pentanone	10.333	43	1104160	192.524	ug/l	92
52) Toluene	10.507	92	468614	48.831	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	271281	44.286	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	290771	43.158	ug/l #	85
55) 1,1,2-Trichloroethane	10.902	97	182460	49.499	ug/l	96
56) Ethyl methacrylate	10.765	69	277047	42.788	ug/l #	84
57) 1,3-Dichloropropane	11.046	76	292030	42.899	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	287431	200.149	ug/l	90
59) 2-Hexanone	11.089	43	780199	193.470	ug/l	90
60) Dibromochloromethane	11.240	129	203296	59.687	ug/l	99
61) 1,2-Dibromoethane	11.349	107	189283	52.269	ug/l	100
64) Tetrachloroethene	10.979	164	177982	55.990	ug/l	98
65) Chlorobenzene	11.773	112	494555	50.092	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.843	131	186671	55.934	ug/l	99
67) Ethyl Benzene	11.848	91	916503	46.272	ug/l	95
68) m/p-Xylenes	11.956	106	713876	103.842	ug/l	85
69) o-Xylene	12.283	106	353678	52.076	ug/l	84
70) Styrene	12.296	104	578928	52.210	ug/l	92
71) Bromoform	12.460	173	136646	60.870	ug/l #	99
73) Isopropylbenzene	12.581	105	906237	41.670	ug/l	96
74) N-amyl acetate	12.390	43	299540	29.948	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.830	83	251920	36.398	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	228177m	36.875	ug/l	
77) Bromobenzene	12.862	156	203993	49.437	ug/l	72
78) n-propylbenzene	12.921	91	1020662	38.581	ug/l	94
79) 2-Chlorotoluene	13.010	91	606583	38.111	ug/l	89
80) 1,3,5-Trimethylbenzene	13.061	105	762671	42.866	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.626	75	77805	35.333	ug/l	87
82) 4-Chlorotoluene	13.106	91	605011	38.678	ug/l	91
83) tert-Butylbenzene	13.326	119	647293	45.420	ug/l	88
84) 1,2,4-Trimethylbenzene	13.369	105	753945	43.085	ug/l	94
85) sec-Butylbenzene	13.503	105	903567	42.924	ug/l	96
86) p-Isopropyltoluene	13.618	119	751095	47.193	ug/l	93
87) 1,3-Dichlorobenzene	13.618	146	385213	51.004	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	375301	49.908	ug/l	95
89) n-Butylbenzene	13.943	91	597268	38.725	ug/l	98
90) Hexachloroethane	14.214	117	132302	44.360	ug/l	100
91) 1,2-Dichlorobenzene	13.991	146	371864	50.796	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.605	75	46361	37.804	ug/l	63
93) 1,2,4-Trichlorobenzene	15.265	180	168665	51.759	ug/l	99
94) Hexachlorobutadiene	15.372	225	77587	47.322	ug/l	99
95) Naphthalene	15.507	128	511652	51.159	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	162933	54.057	ug/l	97

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

