

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081921\
 Data File : VN068208.D
 Acq On : 19 Aug 2021 11:16
 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
 8/20/2021 6:50:11 PM

Quant Time: Aug 19 13:02:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 13:09:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	592312	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	857828	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	852068	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	445773	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	308260	48.742	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.480%		
35) Dibromofluoromethane	8.024	113	283756	52.687	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	105.380%		
50) Toluene-d8	10.443	98	1124681	54.806	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	109.620%		
62) 4-Bromofluorobenzene	12.733	95	386807	56.622	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	113.240%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	217497	46.342	ug/l	99
3) Chloromethane	2.303	50	234280	44.183	ug/l	97
4) Vinyl Chloride	2.443	62	379118	45.630	ug/l	96
5) Bromomethane	2.837	94	342623	52.408	ug/l	98
6) Chloroethane	3.009	64	290844	58.903	ug/l	95
7) Trichlorofluoromethane	3.368	101	774047	47.389	ug/l	100
8) Diethyl Ether	3.819	74	236369	62.387	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.199	101	247474	49.554	ug/l #	84
10) Methyl Iodide	4.414	142	351089	49.441	ug/l	88
11) Tert butyl alcohol	5.390	59	186740	236.775	ug/l	98
12) 1,1-Dichloroethene	4.173	96	218679	45.541	ug/l #	75
13) Acrolein	4.039	56	146058	282.656	ug/l	100
14) Allyl chloride	4.835	41	290198	47.281	ug/l #	94
15) Acrylonitrile	5.556	53	544812	245.189	ug/l	99
16) Acetone	4.291	43	439732	238.144	ug/l #	87
17) Carbon Disulfide	4.521	76	582816	46.952	ug/l	98
18) Methyl Acetate	4.856	43	246082	52.384	ug/l #	87
19) Methyl tert-butyl Ether	5.618	73	764783	49.402	ug/l	96
20) Methylene Chloride	5.090	84	267238	52.418	ug/l #	81
21) trans-1,2-Dichloroethene	5.594	96	254629	47.366	ug/l #	78
22) Diisopropyl ether	6.501	45	685362	51.115	ug/l #	93
23) Vinyl Acetate	6.436	43	2646097m	253.533	ug/l	
24) 1,1-Dichloroethane	6.385	63	422943	47.211	ug/l	96
25) 2-Butanone	7.343	43	717404	249.304	ug/l #	86
26) 2,2-Dichloropropane	7.327	77	390509	50.875	ug/l	90
27) cis-1,2-Dichloroethene	7.324	96	305150	47.407	ug/l	76
28) Bromochloromethane	7.659	49	194947	49.487	ug/l #	45
29) Tetrahydrofuran	7.689	42	460516	250.234	ug/l #	79
30) Chloroform	7.820	83	516346	48.384	ug/l	99
31) Cyclohexane	8.096	56	389011	46.700	ug/l #	81
32) 1,1,1-Trichloroethane	8.016	97	480012	50.437	ug/l	94
36) 1,1-Dichloropropene	8.222	75	372749	53.155	ug/l	92
37) Ethyl Acetate	7.418	43	293907	49.198	ug/l #	94
38) Carbon Tetrachloride	8.206	117	435001	53.784	ug/l	99
39) Methylcyclohexane	9.461	83	471363	59.517	ug/l #	84
40) Benzene	8.461	78	1135690	53.062	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	139309	51.076	ug/l #	83
42) 1,2-Dichloroethane	8.533	62	381529	52.332	ug/l	92
43) Isopropyl Acetate	8.566	43	509553	53.248	ug/l #	90
44) Trichloroethene	9.217	130	333849	51.870	ug/l	77
45) 1,2-Dichloropropane	9.491	63	270035	53.639	ug/l	97
46) Dibromomethane	9.579	93	215334	52.435	ug/l #	76
47) Bromodichloromethane	9.765	83	411667	53.943	ug/l #	95
48) Methyl methacrylate	9.561	41	224057	56.185	ug/l #	81
49) 1,4-Dioxane	9.571	88	101402	1052.009	ug/l #	79
51) 4-Methyl-2-Pentanone	10.333	43	1634767	278.103	ug/l	89
52) Toluene	10.507	92	807167	55.320	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	432808	57.741	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	452188	55.680	ug/l #	83
55) 1,1,2-Trichloroethane	10.902	97	315442	54.099	ug/l	95
56) Ethyl methacrylate	10.765	69	429559	57.367	ug/l #	80
57) 1,3-Dichloropropane	11.046	76	485837	54.097	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	360092	226.531	ug/l #	83
59) 2-Hexanone	11.089	43	1151828	282.196	ug/l	86
60) Dibromochloromethane	11.240	129	381267	57.960	ug/l	100
61) 1,2-Dibromoethane	11.347	107	341837	56.529	ug/l	99
64) Tetrachloroethene	10.979	164	352385	53.484	ug/l	89
65) Chlorobenzene	11.773	112	907046	51.992	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	368744	56.033	ug/l	99
67) Ethyl Benzene	11.846	91	1578381	54.849	ug/l	93
68) m/p-Xylenes	11.956	106	1288843	111.960	ug/l	79
69) o-Xylene	12.283	106	622225	55.941	ug/l	80
70) Styrene	12.296	104	1027687	57.724	ug/l #	90
71) Bromoform	12.460	173	315836	59.844	ug/l #	99
73) Isopropylbenzene	12.581	105	1622390	51.174	ug/l	94
74) N-amyl acetate	12.390	43	411658	49.865	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.830	83	449652	47.291	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	355526m	47.984	ug/l	
77) Bromobenzene	12.862	156	448382	51.336	ug/l	53
78) n-propylbenzene	12.924	91	1782337	52.408	ug/l	90
79) 2-Chlorotoluene	13.010	91	1050724	49.957	ug/l	82
80) 1,3,5-Trimethylbenzene	13.061	105	1370224	53.425	ug/l	90
81) trans-1,4-Dichloro-2-b...	12.629	75	122487	54.161	ug/l	85
82) 4-Chlorotoluene	13.106	91	1036136	50.755	ug/l	82
83) tert-Butylbenzene	13.326	119	1219393	53.541	ug/l	83
84) 1,2,4-Trimethylbenzene	13.372	105	1345445	53.737	ug/l	90
85) sec-Butylbenzene	13.503	105	1672569	55.774	ug/l	91
86) p-Isopropyltoluene	13.618	119	1441336	58.228	ug/l	90
87) 1,3-Dichlorobenzene	13.618	146	797759	53.564	ug/l	92
88) 1,4-Dichlorobenzene	13.696	146	769522	51.001	ug/l	91
89) n-Butylbenzene	13.946	91	1030898	55.829	ug/l	95
90) Hexachloroethane	14.214	117	252729	55.027	ug/l	65
91) 1,2-Dichlorobenzene	13.991	146	747154	52.691	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	14.605	75	71870	49.904	ug/l #	35
93) 1,2,4-Trichlorobenzene	15.265	180	358518	48.307	ug/l	96
94) Hexachlorobutadiene	15.373	225	217669	56.679	ug/l	99
95) Naphthalene	15.509	128	761225	43.937	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	334452	47.521	ug/l	97

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

