

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081121\
 Data File : VN068063.D
 Acq On : 11 Aug 2021 9:41
 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
 8/12/2021 4:51:06 PM

Quant Time: Aug 12 07:10:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 29 15:02:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	431532	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	738439	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	741787	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	362584	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	301431	49.341	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.680%		
35) Dibromofluoromethane	8.021	113	237619	55.215	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	110.440%		
50) Toluene-d8	10.443	98	956060	48.281	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.560%		
62) 4-Bromofluorobenzene	12.733	95	360640	49.648	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	99.300%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.070	85	221728	50.145	ug/l	99
3) Chloromethane	2.301	50	245982	44.784	ug/l	99
4) Vinyl Chloride	2.443	62	380781	44.433	ug/l	97
5) Bromomethane	2.818	94	350730	45.922	ug/l	99
6) Chloroethane	2.995	64	267721	40.290	ug/l	97
7) Trichlorofluoromethane	3.360	101	688925	44.364	ug/l	99
8) Diethyl Ether	3.813	74	197160	66.815	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.194	101	216921	48.457	ug/l	93
10) Methyl Iodide	4.409	142	270234	46.448	ug/l	91
11) Tert butyl alcohol	5.390	59	218078	266.431	ug/l	99
12) 1,1-Dichloroethene	4.167	96	199614	48.783	ug/l	83
13) Acrolein	4.036	56	164205	295.610	ug/l	100
14) Allyl chloride	4.830	41	336309	48.396	ug/l	97
15) Acrylonitrile	5.554	53	614541	267.876	ug/l	99
16) Acetone	4.288	43	580379	260.371	ug/l	93
17) Carbon Disulfide	4.516	76	527420	44.443	ug/l	97
18) Methyl Acetate	4.854	43	286957	53.551	ug/l	95
19) Methyl tert-butyl Ether	5.618	73	802426	52.240	ug/l	99
20) Methylene Chloride	5.087	84	254352	49.414	ug/l	91
21) trans-1,2-Dichloroethene	5.594	96	234213	49.213	ug/l	88
22) Diisopropyl ether	6.498	45	794923	51.531	ug/l	94
23) Vinyl Acetate	6.433	43	3389315	233.199	ug/l	95
24) 1,1-Dichloroethane	6.385	63	438211	49.120	ug/l	98
25) 2-Butanone	7.340	43	877002	271.193	ug/l	93
26) 2,2-Dichloropropane	7.324	77	393828	50.474	ug/l	93
27) cis-1,2-Dichloroethene	7.327	96	284923	50.360	ug/l	85
28) Bromochloromethane	7.656	49	224277	52.709	ug/l	# 78
29) Tetrahydrofuran	7.689	42	559378	270.121	ug/l	91
30) Chloroform	7.817	83	499505	50.555	ug/l	99
31) Cyclohexane	8.094	56	398310	44.199	ug/l	92
32) 1,1,1-Trichloroethane	8.016	97	434902	50.958	ug/l	97
36) 1,1-Dichloropropene	8.222	75	357204	52.296	ug/l	96
37) Ethyl Acetate	7.415	43	338994	52.734	ug/l	98
38) Carbon Tetrachloride	8.206	117	373008	55.529	ug/l	99
39) Methylcyclohexane	9.459	83	401772	54.428	ug/l	91
40) Benzene	8.458	78	1078054	53.312	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	172867	56.450	ug/l	92
42) 1,2-Dichloroethane	8.531	62	393036	52.624	ug/l	95
43) Isopropyl Acetate	8.563	43	605551	56.530	ug/l	95
44) Trichloroethene	9.217	130	276857	54.129	ug/l	84
45) 1,2-Dichloropropane	9.491	63	275342	54.649	ug/l	98
46) Dibromomethane	9.577	93	201262	55.251	ug/l	93
47) Bromodichloromethane	9.764	83	399913	57.604	ug/l	96
48) Methyl methacrylate	9.563	41	266105	49.832	ug/l	90
49) 1,4-Dioxane	9.571	88	103940	1219.870	ug/l	86
51) 4-Methyl-2-Pentanone	10.333	43	1950498	249.862	ug/l	94
52) Toluene	10.507	92	748891	56.995	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	440669	49.951	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	452902	49.580	ug/l	90
55) 1,1,2-Trichloroethane	10.902	97	292641	57.446	ug/l	97
56) Ethyl methacrylate	10.765	69	451928	49.380	ug/l	88
57) 1,3-Dichloropropane	11.046	76	469466	56.517	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.043	63	385893	219.331	ug/l	93
59) 2-Hexanone	11.089	43	1421327	255.173	ug/l	93
60) Dibromochloromethane	11.240	129	319858	50.257	ug/l	98
61) 1,2-Dibromoethane	11.350	107	306538	58.593	ug/l	99
64) Tetrachloroethene	10.979	164	262409	49.392	ug/l	95
65) Chlorobenzene	11.773	112	817135	54.160	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	312627	51.339	ug/l	98
67) Ethyl Benzene	11.846	91	1485599	55.295	ug/l	97
68) m/p-Xylenes	11.956	106	1162676	99.096	ug/l	85
69) o-Xylene	12.283	106	572480	57.960	ug/l	86
70) Styrene	12.296	104	960552	49.347	ug/l	92
71) Bromoform	12.463	173	237547	50.093	ug/l #	100
73) Isopropylbenzene	12.581	105	1478705	49.986	ug/l	97
74) N-amyl acetate	12.390	43	513485	49.938	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.830	83	439028	49.112	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	345402m	47.434	ug/l	
77) Bromobenzene	12.862	156	349277	51.423	ug/l	72
78) n-propylbenzene	12.924	91	1683537	50.430	ug/l	95
79) 2-Chlorotoluene	13.010	91	1012632	49.771	ug/l	89
80) 1,3,5-Trimethylbenzene	13.061	105	1231461	51.359	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.629	75	131673	50.168	ug/l	91
82) 4-Chlorotoluene	13.106	91	1026588	50.256	ug/l	90
83) tert-Butylbenzene	13.326	119	1028825	51.603	ug/l	88
84) 1,2,4-Trimethylbenzene	13.372	105	1232443	53.051	ug/l	93
85) sec-Butylbenzene	13.503	105	1466888	52.599	ug/l	95
86) p-Isopropyltoluene	13.618	119	1217097	54.855	ug/l	92
87) 1,3-Dichlorobenzene	13.618	146	658708	52.799	ug/l	94
88) 1,4-Dichlorobenzene	13.696	146	633349	51.408	ug/l	94
89) n-Butylbenzene	13.946	91	977705	51.389	ug/l	98
90) Hexachloroethane	14.214	117	214149	56.429	ug/l	98
91) 1,2-Dichlorobenzene	13.991	146	597596	50.869	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.605	75	73587	51.560	ug/l	65
93) 1,2,4-Trichlorobenzene	15.265	180	260582	49.524	ug/l	99
94) Hexachlorobutadiene	15.372	225	123693	50.671	ug/l	98
95) Naphthalene	15.509	128	747683	49.496	ug/l	100
96) 1,2,3-Trichlorobenzene	15.705	180	247412	49.684	ug/l	99

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

