

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093021\
 Data File : VN068757.D
 Acq On : 30 Sep 2021 10:22
 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
 10/1/2021 11:02:43 AM

Quant Time: Sep 30 15:17:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092921W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 29 23:31:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	527042	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	887047	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	822511	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	376255	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	360564	49.100	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.200%
35) Dibromofluoromethane	8.024	113	291331	52.859	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	105.720%
50) Toluene-d8	10.443	98	1055555	52.411	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.820%
62) 4-Bromofluorobenzene	12.731	95	369583	52.812	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	105.620%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	255720	44.302	ug/l	98
3) Chloromethane	2.301	50	235902	45.229	ug/l	98
4) Vinyl Chloride	2.443	62	474837	40.153	ug/l	96
5) Bromomethane	2.834	94	401590	47.411	ug/l	100
6) Chloroethane	3.006	64	388883	46.471	ug/l	98
7) Trichlorofluoromethane	3.371	101	432689	49.006	ug/l	99
8) Diethyl Ether	3.827	74	147529	45.887	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.210	101	255871	44.270	ug/l	94
10) Methyl Iodide	4.425	142	266259	50.370	ug/l	93
11) Tert butyl alcohol	5.361	59	226555	230.092	ug/l	# 87
12) 1,1-Dichloroethene	4.183	96	209945	42.395	ug/l	88
13) Acrolein	4.044	56	45169	303.788	ug/l	100
14) Allyl chloride	4.841	41	352828	45.694	ug/l	# 88
15) Acrylonitrile	5.551	53	636243	229.720	ug/l	100
16) Acetone	4.285	43	705023	290.564	ug/l	93
17) Carbon Disulfide	4.529	76	434076	45.177	ug/l	98
18) Methyl Acetate	4.854	43	395847	44.708	ug/l	91
19) Methyl tert-butyl Ether	5.616	73	916491	46.622	ug/l	100
20) Methylene Chloride	5.098	84	265825	41.693	ug/l	89
21) trans-1,2-Dichloroethene	5.600	96	246920	44.368	ug/l	86
22) Diisopropyl ether	6.495	45	888150	48.635	ug/l	# 95
23) Vinyl Acetate	6.434	43	3528560	244.504	ug/l	# 95
24) 1,1-Dichloroethane	6.391	63	493014	44.594	ug/l	97
25) 2-Butanone	7.332	43	997892	242.091	ug/l	94
26) 2,2-Dichloropropane	7.327	77	497840	47.641	ug/l	95
27) cis-1,2-Dichloroethene	7.327	96	322645	45.070	ug/l	85
28) Bromochloromethane	7.657	49	259967	51.785	ug/l	# 76
29) Tetrahydrofuran	7.681	42	591442	232.337	ug/l	89
30) Chloroform	7.818	83	590444	45.377	ug/l	99
31) Cyclohexane	8.096	56	397562	46.834	ug/l	89
32) 1,1,1-Trichloroethane	8.016	97	540131	46.600	ug/l	97
36) 1,1-Dichloropropene	8.223	75	389223	46.654	ug/l	96
37) Ethyl Acetate	7.413	43	379309	47.915	ug/l	99
38) Carbon Tetrachloride	8.206	117	463849	46.804	ug/l	98
39) Methylcyclohexane	9.462	83	452072	46.752	ug/l	90
40) Benzene	8.461	78	1191095	46.895	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	186362	49.512	ug/l #	89
42) 1,2-Dichloroethane	8.528	62	465721	46.703	ug/l	97
43) Isopropyl Acetate	8.560	43	693069	47.591	ug/l	96
44) Trichloroethene	9.218	130	311397	45.924	ug/l	86
45) 1,2-Dichloropropane	9.491	63	307300	46.889	ug/l	99
46) Dibromomethane	9.580	93	235305	46.802	ug/l	94
47) Bromodichloromethane	9.762	83	491313	48.595	ug/l	98
48) Methyl methacrylate	9.558	41	292674	47.875	ug/l #	84
49) 1,4-Dioxane	9.566	88	100670	1019.376	ug/l	87
51) 4-Methyl-2-Pentanone	10.331	43	2115455	240.247	ug/l	96
52) Toluene	10.508	92	791500	46.771	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	508219	49.655	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	523288	48.591	ug/l	94
55) 1,1,2-Trichloroethane	10.899	97	333909	46.406	ug/l	97
56) Ethyl methacrylate	10.762	69	490910	44.201	ug/l	94
57) 1,3-Dichloropropane	11.047	76	528388	46.896	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	567990	249.646	ug/l	91
59) 2-Hexanone	11.087	43	1541206	254.039	ug/l	96
60) Dibromochloromethane	11.240	129	377606	49.753	ug/l	100
61) 1,2-Dibromoethane	11.347	107	334358	47.378	ug/l	100
64) Tetrachloroethene	10.980	164	276338	45.009	ug/l	97
65) Chlorobenzene	11.771	112	861090	45.922	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	358284	49.444	ug/l	99
67) Ethyl Benzene	11.846	91	1586393	48.070	ug/l	97
68) m/p-Xylenes	11.956	106	1181225	96.579	ug/l	87
69) o-Xylene	12.283	106	583232	48.266	ug/l	89
70) Styrene	12.296	104	977960	50.897	ug/l	93
71) Bromoform	12.460	173	250838	49.036	ug/l #	100
73) Isopropylbenzene	12.581	105	1598895	47.486	ug/l	98
74) N-amyl acetate	12.388	43	552915	51.078	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.827	83	460287	44.995	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	394354m	47.129	ug/l	
77) Bromobenzene	12.862	156	350637	46.032	ug/l	74
78) n-propylbenzene	12.921	91	1817007	47.742	ug/l	96
79) 2-Chlorotoluene	13.007	91	1039945	47.305	ug/l	90
80) 1,3,5-Trimethylbenzene	13.061	105	1317086	49.259	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.626	75	143840	49.972	ug/l	94
82) 4-Chlorotoluene	13.106	91	1045176	47.306	ug/l	91
83) tert-Butylbenzene	13.324	119	1144474	48.499	ug/l	89
84) 1,2,4-Trimethylbenzene	13.369	105	1294584	49.338	ug/l	94
85) sec-Butylbenzene	13.503	105	1660822	48.744	ug/l	97
86) p-Isopropyltoluene	13.616	119	1358612	50.199	ug/l	94
87) 1,3-Dichlorobenzene	13.616	146	663647	46.720	ug/l	95
88) 1,4-Dichlorobenzene	13.694	146	641855	45.399	ug/l	96
89) n-Butylbenzene	13.943	91	1170447	48.924	ug/l	97
90) Hexachloroethane	14.211	117	262457	47.673	ug/l	99
91) 1,2-Dichlorobenzene	13.991	146	631776	46.192	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.603	75	80672	45.607	ug/l	69
93) 1,2,4-Trichlorobenzene	15.265	180	306840	49.444	ug/l	98
94) Hexachlorobutadiene	15.370	225	158341	45.268	ug/l	99
95) Naphthalene	15.507	128	833392	47.074	ug/l	99
96) 1,2,3-Trichlorobenzene	15.703	180	292277	49.112	ug/l	98

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

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