

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093021\
 Data File : VN068774.D
 Acq On : 30 Sep 2021 20:01
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/1/2021 11:02:57 AM

Quant Time: Oct 01 04:49:39 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	417747	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	736049	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	685525	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	308892	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	271269	46.605	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.220%		
35) Dibromofluoromethane	8.021	113	218982	47.883	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.760%		
50) Toluene-d8	10.443	98	814402	48.733	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.460%		
62) 4-Bromofluorobenzene	12.731	95	281311	48.445	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.880%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	185475	40.539	ug/l	100
3) Chloromethane	2.301	50	187857	45.452	ug/l	98
4) Vinyl Chloride	2.443	62	375042	40.012	ug/l	96
5) Bromomethane	2.842	94	325735	48.588	ug/l	100
6) Chloroethane	3.011	64	321963	48.653	ug/l	99
7) Trichlorofluoromethane	3.373	101	333196	47.566	ug/l	99
8) Diethyl Ether	3.824	74	114641	44.987	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.210	101	186768	40.769	ug/l	94
10) Methyl Iodide	4.425	142	202910	48.481	ug/l	93
11) Tert butyl alcohol	5.363	59	179696	230.249	ug/l	99
12) 1,1-Dichloroethene	4.186	96	159337	40.593	ug/l	81
13) Acrolein	4.047	56	30593	258.461	ug/l	96
14) Allyl chloride	4.843	41	265934	43.452	ug/l #	88
15) Acrylonitrile	5.554	53	516113	235.100	ug/l #	89
16) Acetone	4.285	43	427614	217.674	ug/l	96
17) Carbon Disulfide	4.532	76	326232	42.788	ug/l	96
18) Methyl Acetate	4.854	43	318569	45.394	ug/l	92
19) Methyl tert-butyl Ether	5.613	73	711753	45.679	ug/l	98
20) Methylene Chloride	5.095	84	207672	41.094	ug/l	89
21) trans-1,2-Dichloroethene	5.599	96	182588	41.392	ug/l	87
22) Diisopropyl ether	6.495	45	684646	47.300	ug/l	96
23) Vinyl Acetate	6.434	43	2739764	239.515	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	384240	43.849	ug/l	97
25) 2-Butanone	7.332	43	754933	231.066	ug/l	92
26) 2,2-Dichloropropane	7.327	77	341198	41.194	ug/l	94
27) cis-1,2-Dichloroethene	7.327	96	249456	43.963	ug/l	84
28) Bromochloromethane	7.657	49	182786	45.937	ug/l #	76
29) Tetrahydrofuran	7.681	42	484510	240.127	ug/l	90
30) Chloroform	7.817	83	464436	45.031	ug/l	99
31) Cyclohexane	8.096	56	302945	44.945	ug/l	89
32) 1,1,1-Trichloroethane	8.016	97	421621	45.893	ug/l	98
36) 1,1-Dichloropropene	8.222	75	296172	42.783	ug/l	95
37) Ethyl Acetate	7.412	43	309241	47.078	ug/l	99
38) Carbon Tetrachloride	8.206	117	359851	43.760	ug/l	99
39) Methylcyclohexane	9.462	83	333307	41.541	ug/l	88
40) Benzene	8.461	78	921882	43.741	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.632	41	138054	44.202	ug/l #	82
42) 1,2-Dichloroethane	8.531	62	369429	44.647	ug/l	96
43) Isopropyl Acetate	8.560	43	558368	46.207	ug/l	97
44) Trichloroethene	9.217	130	242727	43.140	ug/l	85
45) 1,2-Dichloropropane	9.491	63	239543	44.049	ug/l	99
46) Dibromomethane	9.577	93	188674	45.225	ug/l	95
47) Bromodichloromethane	9.762	83	385525	45.954	ug/l	98
48) Methyl methacrylate	9.561	41	236991	46.720	ug/l #	83
49) 1,4-Dioxane	9.569	88	79631	971.754	ug/l	85
51) 4-Methyl-2-Pentanone	10.330	43	1781291	243.797	ug/l	97
52) Toluene	10.507	92	627240	44.668	ug/l	97
53) t-1,3-Dichloropropene	10.719	75	394194	46.416	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	394518	44.149	ug/l	94
55) 1,1,2-Trichloroethane	10.899	97	268254	44.930	ug/l	96
56) Ethyl methacrylate	10.762	69	397644	43.192	ug/l	93
57) 1,3-Dichloropropane	11.047	76	429381	45.927	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	426670	230.902	ug/l	91
59) 2-Hexanone	11.087	43	1250446	248.396	ug/l	96
60) Dibromochloromethane	11.240	129	302333	48.007	ug/l	98
61) 1,2-Dibromoethane	11.347	107	270284	46.155	ug/l	100
64) Tetrachloroethene	10.980	164	216887	42.385	ug/l	94
65) Chlorobenzene	11.771	112	685914	43.890	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.843	131	284471	47.102	ug/l	99
67) Ethyl Benzene	11.846	91	1255152	45.633	ug/l	97
68) m/p-Xylenes	11.953	106	938423	92.059	ug/l	88
69) o-Xylene	12.280	106	467032	46.373	ug/l	88
70) Styrene	12.294	104	776989	48.518	ug/l	93
71) Bromoform	12.457	173	204384	47.939	ug/l #	100
73) Isopropylbenzene	12.581	105	1260889	45.614	ug/l	98
74) N-amyl acetate	12.388	43	449733	50.606	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.827	83	384408	45.772	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	294961m	42.938	ug/l	
77) Bromobenzene	12.860	156	273850	43.792	ug/l	76
78) n-propylbenzene	12.921	91	1425816	45.633	ug/l	97
79) 2-Chlorotoluene	13.007	91	826815	45.812	ug/l	89
80) 1,3,5-Trimethylbenzene	13.061	105	1030183	46.932	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.626	75	111552	47.206	ug/l	96
82) 4-Chlorotoluene	13.106	91	810987	44.712	ug/l	91
83) tert-Butylbenzene	13.324	119	911582	47.054	ug/l	90
84) 1,2,4-Trimethylbenzene	13.369	105	1015264	47.131	ug/l	94
85) sec-Butylbenzene	13.503	105	1284206	45.910	ug/l	97
86) p-Isopropyltoluene	13.616	119	1041432	46.871	ug/l	94
87) 1,3-Dichlorobenzene	13.616	146	515223	44.181	ug/l	95
88) 1,4-Dichlorobenzene	13.694	146	499607	43.044	ug/l	96
89) n-Butylbenzene	13.943	91	861758	43.876	ug/l	97
90) Hexachloroethane	14.211	117	206723	45.738	ug/l	99
91) 1,2-Dichlorobenzene	13.989	146	504069	44.892	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.603	75	70596	48.614	ug/l	73
93) 1,2,4-Trichlorobenzene	15.265	180	218681	42.923	ug/l	98
94) Hexachlorobutadiene	15.370	225	118192	41.158	ug/l	99
95) Naphthalene	15.507	128	602370	41.618	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	216632	44.340	ug/l	99

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

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