

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070221\
 Data File : VN067629.D
 Acq On : 2 Jul 2021 20:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/7/2021 8:51:56 AM

Quant Time: Jul 05 05:05:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 12:55:54 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	425197	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	781701	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	772684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	394061	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	315655	49.611	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.220%		
35) Dibromofluoromethane	8.024	113	237443	49.111	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.220%		
50) Toluene-d8	10.443	98	1004911	49.246	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.500%		
62) 4-Bromofluorobenzene	12.734	95	370613	50.911	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	101.820%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.070	85	213782	46.478	ug/l	98
3) Chloromethane	2.301	50	280803	48.156	ug/l	98
4) Vinyl Chloride	2.443	62	435258	48.391	ug/l	98
5) Bromomethane	2.840	94	343164	48.674	ug/l	97
6) Chloroethane	3.011	64	339061	48.783	ug/l	98
7) Trichlorofluoromethane	3.368	101	885408	51.125	ug/l	100
8) Diethyl Ether	3.819	74	141031	31.411	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.200	101	196885	49.555	ug/l	96
10) Methyl Iodide	4.417	142	255831	50.938	ug/l	92
11) Tert butyl alcohol	5.385	59	214670	246.068	ug/l	100
12) 1,1-Dichloroethene	4.173	96	191407	50.647	ug/l	89
13) Acrolein	4.039	56	151106	209.647	ug/l	99
14) Allyl chloride	4.835	41	337619	50.237	ug/l	95
15) Acrylonitrile	5.559	53	594281	262.067	ug/l	100
16) Acetone	4.288	43	459874	227.981	ug/l	94
17) Carbon Disulfide	4.521	76	531117	49.366	ug/l	98
18) Methyl Acetate	4.857	43	267549	52.061	ug/l	95
19) Methyl tert-butyl Ether	5.618	73	802741	52.033	ug/l	99
20) Methylene Chloride	5.093	84	246214	48.961	ug/l	93
21) trans-1,2-Dichloroethene	5.592	96	230985	50.699	ug/l	90
22) Diisopropyl ether	6.501	45	848328	53.879	ug/l	97
23) Vinyl Acetate	6.436	43	3657674	271.256	ug/l	96
24) 1,1-Dichloroethane	6.383	63	440274	51.305	ug/l	99
25) 2-Butanone	7.340	43	856290	263.090	ug/l	96
26) 2,2-Dichloropropane	7.327	77	335781	42.869	ug/l	92
27) cis-1,2-Dichloroethene	7.327	96	289496	52.713	ug/l	85
28) Bromochloromethane	7.659	49	207091	49.710	ug/l #	83
29) Tetrahydrofuran	7.689	42	571390	263.569	ug/l	92
30) Chloroform	7.820	83	507283	51.765	ug/l	100
31) Cyclohexane	8.096	56	425357	48.333	ug/l	94
32) 1,1,1-Trichloroethane	8.013	97	464484	54.353	ug/l	97
36) 1,1-Dichloropropene	8.223	75	373581	50.672	ug/l	95
37) Ethyl Acetate	7.418	43	367830	51.991	ug/l	99
38) Carbon Tetrachloride	8.206	117	383580	51.621	ug/l	96
39) Methylcyclohexane	9.462	83	408946	50.450	ug/l	91
40) Benzene	8.461	78	1115910	51.014	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.641	41	176453	50.873	ug/l	91
42) 1,2-Dichloroethane	8.531	62	413815	51.519	ug/l	96
43) Isopropyl Acetate	8.563	43	657613	53.298	ug/l	97
44) Trichloroethene	9.218	130	280920	51.329	ug/l	88
45) 1,2-Dichloropropane	9.491	63	280070	51.671	ug/l	98
46) Dibromomethane	9.580	93	209673	53.016	ug/l	96
47) Bromodichloromethane	9.765	83	409460	53.858	ug/l	99
48) Methyl methacrylate	9.564	41	284353	52.390	ug/l	89
49) 1,4-Dioxane	9.572	88	98582	1024.214	ug/l	89
51) 4-Methyl-2-Pentanone	10.333	43	2044023	270.927	ug/l	96
52) Toluene	10.508	92	777360	53.359	ug/l	98
53) t-1,3-Dichloropropene	10.722	75	442422	47.574	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	457678	52.873	ug/l	93
55) 1,1,2-Trichloroethane	10.902	97	296139	52.991	ug/l	97
56) Ethyl methacrylate	10.765	69	478016	55.363	ug/l	93
57) 1,3-Dichloropropane	11.047	76	487625	52.510	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	601954	286.485	ug/l	92
59) 2-Hexanone	11.090	43	1491397	282.020	ug/l	95
60) Dibromochloromethane	11.242	129	312841	46.577	ug/l	98
61) 1,2-Dibromoethane	11.350	107	316544	54.775	ug/l	100
64) Tetrachloroethene	10.980	164	259740	47.226	ug/l	94
65) Chlorobenzene	11.773	112	811258	51.263	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.846	131	308340	54.909	ug/l	99
67) Ethyl Benzene	11.849	91	1541872	53.670	ug/l	96
68) m/p-Xylenes	11.959	106	1197266	108.752	ug/l	88
69) o-Xylene	12.283	106	591663	54.273	ug/l	87
70) Styrene	12.296	104	1012760	50.363	ug/l	93
71) Bromoform	12.463	173	220723	45.857	ug/l #	100
73) Isopropylbenzene	12.581	105	1552943	47.352	ug/l	98
74) N-amyl acetate	12.390	43	599437	51.985	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.830	83	445319	47.942	ug/l	98
76) 1,2,3-Trichloropropane	12.884	75	398075m	50.510	ug/l	
77) Bromobenzene	12.862	156	340537	46.542	ug/l	77
78) n-propylbenzene	12.924	91	1787089	49.089	ug/l	96
79) 2-Chlorotoluene	13.010	91	1078274	48.235	ug/l	90
80) 1,3,5-Trimethylbenzene	13.063	105	1346165	50.918	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.629	75	127394	48.743	ug/l	94
82) 4-Chlorotoluene	13.106	91	1116623	50.784	ug/l	92
83) tert-Butylbenzene	13.326	119	1109639	49.904	ug/l	90
84) 1,2,4-Trimethylbenzene	13.372	105	1352396	52.272	ug/l	95
85) sec-Butylbenzene	13.506	105	1552170	50.622	ug/l	97
86) p-Isopropyltoluene	13.619	119	1289820	52.266	ug/l	94
87) 1,3-Dichlorobenzene	13.619	146	689911	51.900	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	687236	51.826	ug/l	95
89) n-Butylbenzene	13.946	91	1040962	50.693	ug/l	98
90) Hexachloroethane	14.214	117	207335	50.501	ug/l	98
91) 1,2-Dichlorobenzene	13.991	146	667637	51.453	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.606	75	81516	52.516	ug/l	73
93) 1,2,4-Trichlorobenzene	15.265	180	267878	48.805	ug/l	99
94) Hexachlorobutadiene	15.373	225	120265	46.623	ug/l	100
95) Naphthalene	15.509	128	855597	44.811	ug/l	100
96) 1,2,3-Trichlorobenzene	15.705	180	258158	50.865	ug/l	99

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

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