

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061121\
 Data File : VN067282.D
 Acq On : 11 Jun 2021 11:41
 Operator : JC/MD
 Sample : VN0611WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0611WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/14/2021 4:10:16 PM

Quant Time: Jun 12 04:24:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061021W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 11 05:27:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	385365	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	687704	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	623643	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	272576	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	338415	46.461	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.920%		
35) Dibromofluoromethane	8.021	113	219092	49.995	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.980%		
50) Toluene-d8	10.443	98	834959	48.483	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.960%		
62) 4-Bromofluorobenzene	12.734	95	347091	48.432	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.860%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.070	85	81885	17.074	ug/l	98
3) Chloromethane	2.301	50	89921	14.627	ug/l	97
4) Vinyl Chloride	2.443	62	90680	15.250	ug/l	98
5) Bromomethane	2.856	94	47949	17.800	ug/l	99
6) Chloroethane	3.019	64	56885	16.291	ug/l	96
7) Trichlorofluoromethane	3.371	101	128148	17.034	ug/l	98
8) Diethyl Ether	3.821	74	51860	16.032	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.202	101	76451	17.526	ug/l #	84
10) Methyl Iodide	4.417	142	80617	17.050	ug/l #	80
11) Tert butyl alcohol	5.390	59	102353	82.570	ug/l #	82
12) 1,1-Dichloroethene	4.173	96	71410	16.935	ug/l #	78
13) Acrolein	4.041	56	36159	72.704	ug/l	93
14) Allyl chloride	4.835	41	159206	15.553	ug/l #	83
15) Acrylonitrile	5.559	53	204125	76.105	ug/l	98
16) Acetone	4.291	43	210737	71.653	ug/l	90
17) Carbon Disulfide	4.524	76	191077	15.499	ug/l	100
18) Methyl Acetate	4.857	43	128497	15.696	ug/l	90
19) Methyl tert-butyl Ether	5.618	73	283874	16.852	ug/l	99
20) Methylene Chloride	5.098	84	89397	16.946	ug/l #	84
21) trans-1,2-Dichloroethene	5.594	96	78000	17.057	ug/l #	82
22) Diisopropyl ether	6.501	45	290222	15.816	ug/l	89
23) Vinyl Acetate	6.436	43	1355784	77.295	ug/l #	91
24) 1,1-Dichloroethane	6.391	63	171449	16.459	ug/l	97
25) 2-Butanone	7.340	43	331364	73.850	ug/l #	87
26) 2,2-Dichloropropane	7.324	77	172455	17.218	ug/l	91
27) cis-1,2-Dichloroethene	7.321	96	96774	17.329	ug/l	81
28) Bromochloromethane	7.657	49	75134	14.760	ug/l #	71
29) Tetrahydrofuran	7.691	42	181448	71.722	ug/l	89
30) Chloroform	7.817	83	181151	17.515	ug/l	99
31) Cyclohexane	8.094	56	140534	15.680	ug/l	86
32) 1,1,1-Trichloroethane	8.016	97	168772	17.727	ug/l #	95
36) 1,1-Dichloropropene	8.222	75	128869	17.692	ug/l	94
37) Ethyl Acetate	7.418	43	132403	16.189	ug/l	95
38) Carbon Tetrachloride	8.206	117	141108	18.579	ug/l	100
39) Methylcyclohexane	9.462	83	129053	16.822	ug/l #	89
40) Benzene	8.461	78	365863	17.574	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	74951	16.937	ug/l #	80
42) 1,2-Dichloroethane	8.531	62	156498	18.236	ug/l	92
43) Isopropyl Acetate	8.563	43	255275	16.879	ug/l #	90
44) Trichloroethene	9.217	130	90988	18.939	ug/l	78
45) 1,2-Dichloropropane	9.491	63	98690	16.819	ug/l	100
46) Dibromomethane	9.577	93	66994	17.974	ug/l #	82
47) Bromodichloromethane	9.765	83	152960	18.391	ug/l	96
48) Methyl methacrylate	9.561	41	112171	15.911	ug/l #	77
49) 1,4-Dioxane	9.574	88	29251	343.877	ug/l #	82
51) 4-Methyl-2-Pentanone	10.333	43	723147	80.351	ug/l	88
52) Toluene	10.508	92	232184	17.713	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	168124	17.351	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	172172	17.442	ug/l #	78
55) 1,1,2-Trichloroethane	10.899	97	91765	18.273	ug/l	93
56) Ethyl methacrylate	10.762	69	156374	16.818	ug/l #	72
57) 1,3-Dichloropropane	11.047	76	163936	17.625	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.044	63	160871	87.842	ug/l	92
59) 2-Hexanone	11.087	43	508411	78.237	ug/l	86
60) Dibromochloromethane	11.240	129	104580	18.072	ug/l	99
61) 1,2-Dibromoethane	11.350	107	95270	18.427	ug/l	97
64) Tetrachloroethene	10.980	164	86320	20.052	ug/l #	88
65) Chlorobenzene	11.771	112	242401	18.269	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	97347	19.201	ug/l	98
67) Ethyl Benzene	11.846	91	473736	18.215	ug/l	94
68) m/p-Xylenes	11.956	106	334756	35.753	ug/l	81
69) o-Xylene	12.283	106	165444	18.016	ug/l	80
70) Styrene	12.296	104	279253	18.165	ug/l #	90
71) Bromoform	12.460	173	72414	19.322	ug/l #	100
73) Isopropylbenzene	12.581	105	451603	17.589	ug/l	96
74) N-amyl acetate	12.390	43	201776	15.983	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.830	83	129527	16.940	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	127045m	17.545	ug/l	
77) Bromobenzene	12.865	156	93244	18.265	ug/l #	59
78) n-propylbenzene	12.921	91	529207	17.660	ug/l	92
79) 2-Chlorotoluene	13.106	91	327946	17.822	ug/l	88
80) 1,3,5-Trimethylbenzene	13.061	105	385175	17.562	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.629	75	44431	15.696	ug/l #	78
82) 4-Chlorotoluene	13.010	91	324742	17.895	ug/l	91
83) tert-Butylbenzene	13.326	119	323376	17.927	ug/l	82
84) 1,2,4-Trimethylbenzene	13.369	105	384620	17.905	ug/l	92
85) sec-Butylbenzene	13.503	105	439219	17.448	ug/l	95
86) p-Isopropyltoluene	13.619	119	369796	17.356	ug/l	91
87) 1,3-Dichlorobenzene	13.619	146	171105	18.381	ug/l	94
88) 1,4-Dichlorobenzene	13.696	146	168331	18.398	ug/l	91
89) n-Butylbenzene	13.943	91	338429	17.259	ug/l	95
90) Hexachloroethane	14.214	117	67271	17.403	ug/l	77
91) 1,2-Dichlorobenzene	13.989	146	165614	18.739	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.606	75	32128	17.431	ug/l	59
93) 1,2,4-Trichlorobenzene	15.265	180	86934	19.123	ug/l	97
94) Hexachlorobutadiene	15.373	225	53487	20.150	ug/l	97
95) Naphthalene	15.509	128	218066	17.898	ug/l	99
96) 1,2,3-Trichlorobenzene	15.705	180	82974	19.691	ug/l	95

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

