

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061121\
 Data File : VN067297.D
 Acq On : 11 Jun 2021 18:44
 Operator : JC/MD
 Sample : VN0611WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0611WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/14/2021 4:11:09 PM

Quant Time: Jun 12 04:30:19 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		8.088	168	348613	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene		8.971	114	671082	50.000	ug/l	0.00
63) Chlorobenzene-d5		11.746	117	620667	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4		13.675	152	265122	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4		8.440	65	333431	50.603	ug/l	0.00
Spiked Amount 50.000		Range	61 - 141	Recovery	=	101.200%	
35) Dibromofluoromethane		8.024	113	211368	49.427	ug/l	0.00
Spiked Amount 50.000		Range	69 - 133	Recovery	=	98.860%	
50) Toluene-d8		10.443	98	823256	48.988	ug/l	0.00
Spiked Amount 50.000		Range	65 - 126	Recovery	=	97.980%	
62) 4-Bromofluorobenzene		12.733	95	339570	48.556	ug/l	0.00
Spiked Amount 50.000		Range	58 - 135	Recovery	=	97.120%	
Target Compounds							
							Qvalue
2) Dichlorodifluoromethane		2.073	85	86107	19.847	ug/l	97
3) Chloromethane		2.301	50	97545	17.540	ug/l	98
4) Vinyl Chloride		2.443	62	97268	18.083	ug/l	98
5) Bromomethane		2.853	94	49109	20.152	ug/l	97
6) Chloroethane		3.017	64	60852	19.265	ug/l	99
7) Trichlorofluoromethane		3.371	101	133793	19.660	ug/l	93
8) Diethyl Ether		3.821	74	55772	19.059	ug/l	78
9) 1,1,2-Trichlorotrifluo...		4.202	101	78036	19.775	ug/l #	82
10) Methyl Iodide		4.417	142	85758	20.049	ug/l #	77
11) Tert butyl alcohol		5.393	59	112969	100.742	ug/l #	81
12) 1,1-Dichloroethene		4.173	96	74853	19.623	ug/l #	77
13) Acrolein		4.038	56	46853	104.137	ug/l	85
14) Allyl chloride		4.835	41	171962	18.571	ug/l #	86
15) Acrylonitrile		5.559	53	228874	94.329	ug/l	99
16) Acetone		4.293	43	229668	86.322	ug/l	89
17) Carbon Disulfide		4.521	76	202642	18.170	ug/l	100
18) Methyl Acetate		4.859	43	144267	19.480	ug/l	90
19) Methyl tert-butyl Ether		5.623	73	302145	19.828	ug/l	98
20) Methylene Chloride		5.092	84	97383	20.406	ug/l #	82
21) trans-1,2-Dichloroethene		5.594	96	82636	19.976	ug/l #	82
22) Diisopropyl ether		6.500	45	309300	18.632	ug/l #	86
23) Vinyl Acetate		6.439	43	1470984	92.704	ug/l #	92
24) 1,1-Dichloroethane		6.385	63	182320	19.347	ug/l	98
25) 2-Butanone		7.343	43	370181	91.199	ug/l #	88
26) 2,2-Dichloropropane		7.327	77	171463	18.924	ug/l	91
27) cis-1,2-Dichloroethene		7.329	96	101831	20.157	ug/l	82
28) Bromochloromethane		7.656	49	83578	18.150	ug/l #	67
29) Tetrahydrofuran		7.694	42	219472	95.897	ug/l #	85
30) Chloroform		7.820	83	190366	20.347	ug/l	99
31) Cyclohexane		8.094	56	137217	16.924	ug/l #	90
32) 1,1,1-Trichloroethane		8.016	97	176674	20.514	ug/l #	94
36) 1,1-Dichloropropene		8.222	75	135346	19.042	ug/l	94
37) Ethyl Acetate		7.420	43	151705	19.008	ug/l #	94
38) Carbon Tetrachloride		8.209	117	147051	19.841	ug/l	98
39) Methylcyclohexane		9.459	83	115858	15.476	ug/l	91
40) Benzene		8.461	78	386077	19.004	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	85175	19.724	ug/l #	77
42) 1,2-Dichloroethane	8.533	62	170466	20.356	ug/l	93
43) Isopropyl Acetate	8.566	43	274889	18.626	ug/l #	90
44) Trichloroethene	9.217	130	93103	19.859	ug/l	68
45) 1,2-Dichloropropane	9.491	63	106231	18.553	ug/l	99
46) Dibromomethane	9.579	93	71802	19.742	ug/l #	78
47) Bromodichloromethane	9.764	83	163480	20.143	ug/l #	98
48) Methyl methacrylate	9.563	41	137626	20.005	ug/l #	78
49) 1,4-Dioxane	9.577	88	33966	409.198	ug/l #	81
51) 4-Methyl-2-Pentanone	10.333	43	816120	92.928	ug/l	89
52) Toluene	10.507	92	248484	19.427	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	179367	18.970	ug/l	97
54) cis-1,3-Dichloropropene	10.191	75	180308	18.718	ug/l #	77
55) 1,1,2-Trichloroethane	10.902	97	99423	20.289	ug/l	96
56) Ethyl methacrylate	10.762	69	178292	19.650	ug/l #	74
57) 1,3-Dichloropropane	11.046	76	177111	19.513	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.043	63	203529	105.560	ug/l	91
59) 2-Hexanone	11.089	43	598950	94.453	ug/l	86
60) Dibromochloromethane	11.240	129	110336	19.539	ug/l	100
61) 1,2-Dibromoethane	11.347	107	101617	20.142	ug/l	99
64) Tetrachloroethene	10.979	164	90215	21.057	ug/l #	87
65) Chlorobenzene	11.773	112	258989	19.612	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	101239	20.064	ug/l	97
67) Ethyl Benzene	11.846	91	506118	19.553	ug/l	94
68) m/p-Xylenes	11.956	106	351422	37.713	ug/l	80
69) o-Xylene	12.283	106	177397	19.410	ug/l	82
70) Styrene	12.296	104	295604	19.321	ug/l #	90
71) Bromoform	12.460	173	73308	19.655	ug/l #	99
73) Isopropylbenzene	12.581	105	453017	18.140	ug/l	97
74) N-amyl acetate	12.387	43	233172	18.989	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.830	83	141280	18.996	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	142513m	20.235	ug/l	
77) Bromobenzene	12.862	156	97740	19.684	ug/l #	54
78) n-propylbenzene	12.921	91	531785	18.245	ug/l	91
79) 2-Chlorotoluene	13.106	91	340480	19.023	ug/l	87
80) 1,3,5-Trimethylbenzene	13.061	105	384650	18.031	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.629	75	49001	17.798	ug/l #	77
82) 4-Chlorotoluene	13.010	91	337889	19.142	ug/l	88
83) tert-Butylbenzene	13.323	119	298790	17.029	ug/l	79
84) 1,2,4-Trimethylbenzene	13.369	105	377785	18.081	ug/l	94
85) sec-Butylbenzene	13.503	105	412464	16.845	ug/l	94
86) p-Isopropyltoluene	13.618	119	348273	16.806	ug/l	88
87) 1,3-Dichlorobenzene	13.618	146	171542	18.946	ug/l	93
88) 1,4-Dichlorobenzene	13.696	146	172034	19.332	ug/l	92
89) n-Butylbenzene	13.943	91	323812	16.978	ug/l	95
90) Hexachloroethane	14.211	117	61477	16.351	ug/l	77
91) 1,2-Dichlorobenzene	13.991	146	164053	19.085	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.603	75	36574	20.401	ug/l	64
93) 1,2,4-Trichlorobenzene	15.265	180	89406	20.220	ug/l	97
94) Hexachlorobutadiene	15.372	225	46987	18.199	ug/l	99
95) Naphthalene	15.507	128	314102	24.279	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	86505	21.106	ug/l	95

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

