

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071621\
 Data File : VN067777.D
 Acq On : 16 Jul 2021 16:58
 Operator : JC/MD
 Sample : VN0716WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0716WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/19/2021 5:53:57 PM

Quant Time: Jul 17 04:59:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 07 16:18:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	390887	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	733089	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	743354	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	383012	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	290996	49.259	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.520%		
35) Dibromofluoromethane	8.021	113	216977	48.988	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.980%		
50) Toluene-d8	10.443	98	884970	47.735	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.460%		
62) 4-Bromofluorobenzene	12.733	95	349570	53.377	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	106.760%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	78799	23.717	ug/l	99
3) Chloromethane	2.301	50	98897	18.794	ug/l	95
4) Vinyl Chloride	2.443	62	144531	18.198	ug/l	98
5) Bromomethane	2.848	94	104875	16.091	ug/l	98
6) Chloroethane	3.017	64	103803	17.124	ug/l	99
7) Trichlorofluoromethane	3.368	101	250143	18.617	ug/l	98
8) Diethyl Ether	3.813	74	71818	22.716	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.202	101	75262	20.775	ug/l	95
10) Methyl Iodide	4.414	142	81829	18.962	ug/l	91
11) Tert butyl alcohol	5.387	59	72186	85.034	ug/l	100
12) 1,1-Dichloroethene	4.175	96	68778	19.788	ug/l	84
13) Acrolein	4.038	56	45291	107.067	ug/l	100
14) Allyl chloride	4.832	41	117345	18.367	ug/l	96
15) Acrylonitrile	5.559	53	202301	96.080	ug/l	99
16) Acetone	4.293	43	170752	91.859	ug/l	95
17) Carbon Disulfide	4.521	76	172013	17.867	ug/l	98
18) Methyl Acetate	4.856	43	98358	18.839	ug/l	96
19) Methyl tert-butyl Ether	5.623	73	275000	19.093	ug/l	100
20) Methylene Chloride	5.095	84	91310	20.633	ug/l	88
21) trans-1,2-Dichloroethene	5.594	96	79474	19.340	ug/l	86
22) Diisopropyl ether	6.498	45	273269	18.849	ug/l	98
23) Vinyl Acetate	6.436	43	1125187	90.778	ug/l	95
24) 1,1-Dichloroethane	6.385	63	151783	18.780	ug/l	98
25) 2-Butanone	7.343	43	279820	90.654	ug/l	94
26) 2,2-Dichloropropane	7.327	77	130921	18.536	ug/l	92
27) cis-1,2-Dichloroethene	7.327	96	97476	18.955	ug/l	86
28) Bromochloromethane	7.659	49	69030	17.503	ug/l	# 81
29) Tetrahydrofuran	7.691	42	181721	89.524	ug/l	91
30) Chloroform	7.817	83	169733	18.696	ug/l	98
31) Cyclohexane	8.094	56	138643	16.738	ug/l	92
32) 1,1,1-Trichloroethane	8.013	97	147565	18.745	ug/l	99
36) 1,1-Dichloropropene	8.222	75	120534	17.700	ug/l	95
37) Ethyl Acetate	7.418	43	116490	17.655	ug/l	98
38) Carbon Tetrachloride	8.206	117	122859	18.291	ug/l	96
39) Methylcyclohexane	9.461	83	132487	17.772	ug/l	92
40) Benzene	8.464	78	366475	17.979	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	58138	17.144	ug/l	92
42) 1,2-Dichloroethane	8.533	62	133306	17.610	ug/l	96
43) Isopropyl Acetate	8.563	43	206718	17.811	ug/l	97
44) Trichloroethene	9.217	130	93219	18.020	ug/l	88
45) 1,2-Dichloropropane	9.491	63	92406	17.905	ug/l	100
46) Dibromomethane	9.579	93	67345	18.391	ug/l	94
47) Bromodichloromethane	9.764	83	128653	17.971	ug/l	99
48) Methyl methacrylate	9.563	41	91463	17.817	ug/l	95
49) 1,4-Dioxane	9.571	88	31870	334.160	ug/l	93
51) 4-Methyl-2-Pentanone	10.333	43	653937	91.713	ug/l	96
52) Toluene	10.507	92	244329	18.299	ug/l	95
53) t-1,3-Dichloropropene	10.722	75	138713	17.438	ug/l	97
54) cis-1,3-Dichloropropene	10.191	75	145990	18.337	ug/l	92
55) 1,1,2-Trichloroethane	10.902	97	96589	18.876	ug/l	96
56) Ethyl methacrylate	10.765	69	155106	19.675	ug/l	92
57) 1,3-Dichloropropane	11.046	76	163491	18.633	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	189020	100.808	ug/l	92
59) 2-Hexanone	11.089	43	465465	93.522	ug/l	95
60) Dibromochloromethane	11.240	129	94956	16.764	ug/l	99
61) 1,2-Dibromoethane	11.349	107	100673	19.271	ug/l	100
64) Tetrachloroethene	10.979	164	93169	17.756	ug/l	94
65) Chlorobenzene	11.773	112	271498	17.783	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.843	131	99756	18.576	ug/l	97
67) Ethyl Benzene	11.848	91	506844	18.236	ug/l	96
68) m/p-Xylenes	11.956	106	380163	36.164	ug/l	89
69) o-Xylene	12.283	106	199420	19.295	ug/l	85
70) Styrene	12.296	104	321239	19.430	ug/l	93
71) Bromoform	12.460	173	64613	15.878	ug/l #	98
73) Isopropylbenzene	12.581	105	516247	16.705	ug/l	92
74) N-amyl acetate	12.390	43	300040	26.763	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.830	83	149511	16.670	ug/l #	97
76) 1,2,3-Trichloropropane	12.881	75	128966m	16.488	ug/l	
77) Bromobenzene	12.862	156	121046	17.698	ug/l	72
78) n-propylbenzene	12.921	91	593362	16.976	ug/l	95
79) 2-Chlorotoluene	13.010	91	354642	16.795	ug/l	89
80) 1,3,5-Trimethylbenzene	13.061	105	429675	17.160	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.629	75	34722	14.312	ug/l	97
82) 4-Chlorotoluene	13.106	91	349680	16.735	ug/l	91
83) tert-Butylbenzene	13.326	119	385525	18.054	ug/l	88
84) 1,2,4-Trimethylbenzene	13.369	105	435068	17.732	ug/l	92
85) sec-Butylbenzene	13.503	105	550670	18.633	ug/l	96
86) p-Isopropyltoluene	13.618	119	462607	19.398	ug/l	94
87) 1,3-Dichlorobenzene	13.618	146	232135	18.295	ug/l	93
88) 1,4-Dichlorobenzene	13.696	146	228047	17.554	ug/l	95
89) n-Butylbenzene	13.943	91	380451	18.599	ug/l	97
90) Hexachloroethane	14.214	117	70601	17.824	ug/l	98
91) 1,2-Dichlorobenzene	13.991	146	231456	18.897	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.605	75	28223	18.118	ug/l	61
93) 1,2,4-Trichlorobenzene	15.265	180	117901	20.165	ug/l	99
94) Hexachlorobutadiene	15.372	225	55079	21.401	ug/l	99
95) Naphthalene	15.507	128	339674	20.034	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	112071	19.992	ug/l	98

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

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