

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081821\
 Data File : VN068185.D
 Acq On : 18 Aug 2021 11:42
 Operator : JC/MD
 Sample : VN0818WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0818WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/19/2021 6:17:25 PM

Quant Time: Aug 18 13:41:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 13:09:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	539231	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	827827	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	777680	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	383599	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	294969	51.232	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 102.460%	
35) Dibromofluoromethane	8.021	113	262217	50.452	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 100.900%	
50) Toluene-d8	10.443	98	1032435	52.134	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 104.260%	
62) 4-Bromofluorobenzene	12.733	95	343483	52.102	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 104.200%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	86269	20.191	ug/l	100
3) Chloromethane	2.301	50	90845	18.819	ug/l	98
4) Vinyl Chloride	2.443	62	150214	19.859	ug/l	99
5) Bromomethane	2.850	94	144758	22.556	ug/l	99
6) Chloroethane	3.019	64	111631	22.160	ug/l	93
7) Trichlorofluoromethane	3.371	101	300159	20.185	ug/l	100
8) Diethyl Ether	3.819	74	93580	27.131	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.199	101	96470	21.218	ug/l #	84
10) Methyl Iodide	4.417	142	122670	18.975	ug/l	88
11) Tert butyl alcohol	5.390	59	71469	99.539	ug/l #	86
12) 1,1-Dichloroethene	4.175	96	86104	19.697	ug/l #	75
13) Acrolein	4.041	56	55691	112.564	ug/l	99
14) Allyl chloride	4.838	41	110232	19.728	ug/l #	92
15) Acrylonitrile	5.559	53	204547	101.117	ug/l	98
16) Acetone	4.291	43	169519	100.843	ug/l #	86
17) Carbon Disulfide	4.521	76	223482	19.776	ug/l	100
18) Methyl Acetate	4.859	43	94533	20.103	ug/l #	84
19) Methyl tert-butyl Ether	5.621	73	283579	20.121	ug/l	96
20) Methylene Chloride	5.093	84	101622	20.601	ug/l #	80
21) trans-1,2-Dichloroethene	5.591	96	97761	19.975	ug/l #	81
22) Diisopropyl ether	6.501	45	247776	20.299	ug/l #	92
23) Vinyl Acetate	6.436	43	956529m	100.671	ug/l	
24) 1,1-Dichloroethane	6.385	63	164164	20.129	ug/l	99
25) 2-Butanone	7.343	43	261187	99.699	ug/l #	85
26) 2,2-Dichloropropane	7.327	77	147739	21.142	ug/l	91
27) cis-1,2-Dichloroethene	7.327	96	115275	19.672	ug/l	76
28) Bromochloromethane	7.657	49	69347	19.337	ug/l #	49
29) Tetrahydrofuran	7.689	42	173048	103.287	ug/l #	82
30) Chloroform	7.820	83	191345	19.695	ug/l	100
31) Cyclohexane	8.094	56	148354	19.563	ug/l #	77
32) 1,1,1-Trichloroethane	8.016	97	176065	20.321	ug/l	94
36) 1,1-Dichloropropene	8.222	75	135213	19.981	ug/l	92
37) Ethyl Acetate	7.415	43	106978	18.556	ug/l	95
38) Carbon Tetrachloride	8.209	117	158774	20.342	ug/l	97
39) Methylcyclohexane	9.461	83	165201	21.615	ug/l #	86
40) Benzene	8.461	78	418198	20.247	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	53095	20.172	ug/l #	84
42) 1,2-Dichloroethane	8.531	62	140968	20.036	ug/l	92
43) Isopropyl Acetate	8.566	43	185169	20.051	ug/l #	90
44) Trichloroethene	9.217	130	123833	19.937	ug/l	78
45) 1,2-Dichloropropane	9.491	63	98430	20.260	ug/l	97
46) Dibromomethane	9.580	93	77907	19.658	ug/l #	78
47) Bromodichloromethane	9.765	83	149609	20.315	ug/l	97
48) Methyl methacrylate	9.563	41	77970	20.261	ug/l #	82
49) 1,4-Dioxane	9.571	88	37515	403.310	ug/l #	81
51) 4-Methyl-2-Pentanone	10.333	43	575817	101.507	ug/l	91
52) Toluene	10.507	92	290259	20.614	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	147652	20.412	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	160962	20.538	ug/l #	86
55) 1,1,2-Trichloroethane	10.899	97	113365	20.147	ug/l	92
56) Ethyl methacrylate	10.765	69	143846	19.907	ug/l #	81
57) 1,3-Dichloropropane	11.047	76	170256	19.645	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.046	63	111499	85.323	ug/l #	84
59) 2-Hexanone	11.089	43	396057	100.550	ug/l	87
60) Dibromochloromethane	11.240	129	129638	20.422	ug/l	100
61) 1,2-Dibromoethane	11.350	107	117295	20.100	ug/l	98
64) Tetrachloroethene	10.980	164	121432	20.193	ug/l	88
65) Chlorobenzene	11.773	112	319607	20.072	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.846	131	125916	20.964	ug/l	99
67) Ethyl Benzene	11.848	91	544238	20.721	ug/l	92
68) m/p-Xylenes	11.956	106	446293	42.477	ug/l	79
69) o-Xylene	12.283	106	214565	21.136	ug/l	79
70) Styrene	12.296	104	341960	21.045	ug/l #	90
71) Bromoform	12.460	173	98125	20.371	ug/l #	100
73) Isopropylbenzene	12.581	105	544538	19.960	ug/l	95
74) N-amyl acetate	12.390	43	134675	18.958	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.830	83	156073	19.075	ug/l	98
76) 1,2,3-Trichloropropane	12.884	75	116392m	18.255	ug/l	
77) Bromobenzene	12.862	156	149205	19.851	ug/l	54
78) n-propylbenzene	12.924	91	587526	20.076	ug/l	90
79) 2-Chlorotoluene	13.010	91	358618	19.814	ug/l	82
80) 1,3,5-Trimethylbenzene	13.061	105	458296	20.765	ug/l	91
81) trans-1,4-Dichloro-2-b...	12.629	75	38228	19.643	ug/l	90
82) 4-Chlorotoluene	13.106	91	349677	19.905	ug/l	83
83) tert-Butylbenzene	13.326	119	394863	20.148	ug/l	83
84) 1,2,4-Trimethylbenzene	13.372	105	446050	20.703	ug/l	90
85) sec-Butylbenzene	13.503	105	532406	20.631	ug/l	91
86) p-Isopropyltoluene	13.619	119	444589	20.872	ug/l	90
87) 1,3-Dichlorobenzene	13.619	146	264112	20.608	ug/l	91
88) 1,4-Dichlorobenzene	13.696	146	257558	19.837	ug/l	92
89) n-Butylbenzene	13.943	91	320877	20.194	ug/l	96
90) Hexachloroethane	14.211	117	78990	19.986	ug/l	76
91) 1,2-Dichlorobenzene	13.991	146	246539	20.204	ug/l	90
92) 1,2-Dibromo-3-Chloropr...	14.606	75	23901	19.286	ug/l #	39
93) 1,2,4-Trichlorobenzene	15.265	180	106603	18.449	ug/l	95
94) Hexachlorobutadiene	15.373	225	65724	19.888	ug/l	97
95) Naphthalene	15.507	128	226813	17.400	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	99089	18.218	ug/l	98

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

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