

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081721\
 Data File : VN068144.D
 Acq On : 17 Aug 2021 15:39
 Operator : JC/MD
 Sample : VN0817WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/19/2021 5:54:19 PM

Quant Time: Aug 17 16:29:51 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	8.085	168	563183	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	863598	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	835500	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	414812	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	313137	52.074	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.140%			
35) Dibromofluoromethane	8.021	113	270925	49.969	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.940%			
50) Toluene-d8	10.443	98	1070932	51.838	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.680%			
62) 4-Bromofluorobenzene	12.733	95	363346	52.832	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 105.660%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.072	85	93215	20.889	ug/l	100
3) Chloromethane	2.300	50	95616	18.965	ug/l	96
4) Vinyl Chloride	2.443	62	152522	19.307	ug/l	94
5) Bromomethane	2.845	94	143462	21.235	ug/l	97
6) Chloroethane	3.014	64	113967	21.557	ug/l	97
7) Trichlorofluoromethane	3.368	101	299349	19.275	ug/l	97
8) Diethyl Ether	3.816	74	75979	21.091	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.202	101	94995	20.005	ug/l #	84
10) Methyl Iodide	4.414	142	131030	19.406	ug/l #	87
11) Tert butyl alcohol	5.387	59	81015	108.035	ug/l	98
12) 1,1-Dichloroethene	4.172	96	87858	19.243	ug/l #	73
13) Acrolein	4.041	56	53886	103.547	ug/l	99
14) Allyl chloride	4.838	41	113878	19.513	ug/l #	92
15) Acrylonitrile	5.559	53	219074	103.692	ug/l	99
16) Acetone	4.288	43	175877	100.176	ug/l	92
17) Carbon Disulfide	4.521	76	225382	19.096	ug/l	99
18) Methyl Acetate	4.859	43	101546	20.774	ug/l #	85
19) Methyl tert-butyl Ether	5.618	73	300647	20.425	ug/l	95
20) Methylene Chloride	5.090	84	107661	20.929	ug/l #	82
21) trans-1,2-Dichloroethene	5.591	96	99592	19.484	ug/l #	78
22) Diisopropyl ether	6.500	45	255513	20.042	ug/l #	93
23) Vinyl Acetate	6.436	43	1029073	103.699	ug/l #	88
24) 1,1-Dichloroethane	6.385	63	167308	19.642	ug/l	96
25) 2-Butanone	7.340	43	280290	102.441	ug/l #	84
26) 2,2-Dichloropropane	7.326	77	144207	19.759	ug/l	90
27) cis-1,2-Dichloroethene	7.326	96	120030	19.612	ug/l	75
28) Bromochloromethane	7.656	49	77244	20.622	ug/l #	47
29) Tetrahydrofuran	7.691	42	184013	105.160	ug/l #	80
30) Chloroform	7.817	83	198185	19.532	ug/l	98
31) Cyclohexane	8.094	56	150739	19.032	ug/l #	82
32) 1,1,1-Trichloroethane	8.013	97	178272	19.701	ug/l	93
36) 1,1-Dichloropropene	8.222	75	138178	19.573	ug/l	91
37) Ethyl Acetate	7.415	43	117227	19.492	ug/l #	93
38) Carbon Tetrachloride	8.206	117	159174	19.549	ug/l	97
39) Methylcyclohexane	9.461	83	159101	19.955	ug/l	86
40) Benzene	8.461	78	431699	20.035	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	57029	20.769	ug/l #	86
42) 1,2-Dichloroethane	8.531	62	149559	20.377	ug/l	93
43) Isopropyl Acetate	8.566	43	199569	20.716	ug/l #	90
44) Trichloroethene	9.217	130	128858	19.887	ug/l	81
45) 1,2-Dichloropropane	9.491	63	102200	20.165	ug/l	98
46) Dibromomethane	9.579	93	83543	20.207	ug/l #	78
47) Bromodichloromethane	9.764	83	153133	19.932	ug/l #	99
48) Methyl methacrylate	9.563	41	83768	20.866	ug/l #	81
49) 1,4-Dioxane	9.571	88	41501	427.681	ug/l #	80
51) 4-Methyl-2-Pentanone	10.333	43	621359	104.998	ug/l	90
52) Toluene	10.507	92	298182	20.299	ug/l	97
53) t-1,3-Dichloropropene	10.722	75	159490	21.136	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	169313	20.709	ug/l #	85
55) 1,1,2-Trichloroethane	10.899	97	119733	20.397	ug/l	93
56) Ethyl methacrylate	10.762	69	158319	21.002	ug/l #	80
57) 1,3-Dichloropropane	11.046	76	180052	19.915	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	122288	88.748	ug/l #	85
59) 2-Hexanone	11.089	43	436838	106.310	ug/l	88
60) Dibromochloromethane	11.239	129	135910	20.523	ug/l	99
61) 1,2-Dibromoethane	11.347	107	128023	21.029	ug/l	98
64) Tetrachloroethene	10.979	164	137093	21.220	ug/l	87
65) Chlorobenzene	11.773	112	342437	20.018	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	130847	20.277	ug/l	99
67) Ethyl Benzene	11.846	91	569899	20.197	ug/l	94
68) m/p-Xylenes	11.956	106	461667	40.899	ug/l	81
69) o-Xylene	12.283	106	222756	20.424	ug/l	81
70) Styrene	12.296	104	365013	20.909	ug/l #	90
71) Bromoform	12.460	173	106832	20.644	ug/l #	100
73) Isopropylbenzene	12.580	105	567595	19.240	ug/l	95
74) N-amyl acetate	12.390	43	153873	20.030	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.830	83	166142	18.778	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	123850m	17.963	ug/l	
77) Bromobenzene	12.865	156	159203	19.588	ug/l	55
78) n-propylbenzene	12.924	91	620562	19.609	ug/l	91
79) 2-Chlorotoluene	13.010	91	375982	19.211	ug/l	83
80) 1,3,5-Trimethylbenzene	13.061	105	471904	19.773	ug/l	90
81) trans-1,4-Dichloro-2-b...	12.629	75	41248	19.600	ug/l	89
82) 4-Chlorotoluene	13.106	91	378097	19.903	ug/l	85
83) tert-Butylbenzene	13.326	119	401912	18.964	ug/l	84
84) 1,2,4-Trimethylbenzene	13.369	105	464469	19.936	ug/l	90
85) sec-Butylbenzene	13.503	105	541883	19.419	ug/l	92
86) p-Isopropyltoluene	13.618	119	458715	19.915	ug/l	90
87) 1,3-Dichlorobenzene	13.618	146	280933	20.271	ug/l	91
88) 1,4-Dichlorobenzene	13.696	146	280579	19.984	ug/l	93
89) n-Butylbenzene	13.946	91	340134	19.795	ug/l	96
90) Hexachloroethane	14.214	117	80398	18.812	ug/l	75
91) 1,2-Dichlorobenzene	13.991	146	265429	20.116	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	14.605	75	26432	19.723	ug/l #	37
93) 1,2,4-Trichlorobenzene	15.265	180	123190	19.531	ug/l	97
94) Hexachlorobutadiene	15.372	225	69842	19.544	ug/l	98
95) Naphthalene	15.509	128	289020	19.907	ug/l	100
96) 1,2,3-Trichlorobenzene	15.705	180	117570	19.714	ug/l	97

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

