

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082621\
 Data File : VN068319.D
 Acq On : 26 Aug 2021 14:34
 Operator : JC/MD
 Sample : VN0826WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826WBSD01

Manual Integrations
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Quant Time: Aug 27 05:53:03 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	565548	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	850648	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	823137	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	428579	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	305071	50.521	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 101.040%	
35) Dibromofluoromethane	8.024	113	275942	51.669	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 103.340%	
50) Toluene-d8	10.443	98	1034901	50.856	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 101.720%	
62) 4-Bromofluorobenzene	12.733	95	370416	54.680	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 109.360%	

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Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.075	85	81210	18.122	ug/l	98
3) Chloromethane	2.303	50	84039	16.599	ug/l	99
4) Vinyl Chloride	2.443	62	136856	17.251	ug/l	96
5) Bromomethane	2.866	94	131345	19.069	ug/l	99
6) Chloroethane	3.022	64	100874	18.453	ug/l	97
7) Trichlorofluoromethane	3.376	101	296121	18.987	ug/l	100
8) Diethyl Ether	3.821	74	99255	27.437	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.202	101	95383	20.003	ug/l #	84
10) Methyl Iodide	4.417	142	111110	16.387	ug/l	89
11) Tert butyl alcohol	5.393	59	73799	98.001	ug/l	100
12) 1,1-Dichloroethene	4.173	96	85221	18.588	ug/l #	74
13) Acrolein	4.044	56	26718	46.057	ug/l	97
14) Allyl chloride	4.838	41	109788	18.734	ug/l #	92
15) Acrylonitrile	5.559	53	207259	97.690	ug/l	99
16) Acetone	4.291	43	164474	93.289	ug/l #	83
17) Carbon Disulfide	4.521	76	208805	17.617	ug/l	99
18) Methyl Acetate	4.859	43	97673	19.752	ug/l #	84
19) Methyl tert-butyl Ether	5.618	73	308670	20.883	ug/l	96
20) Methylene Chloride	5.090	84	104464	20.148	ug/l #	78
21) trans-1,2-Dichloroethene	5.594	96	95806	18.665	ug/l #	77
22) Diisopropyl ether	6.501	45	257115	20.083	ug/l #	92
23) Vinyl Acetate	6.439	43	976604m	98.001	ug/l	
24) 1,1-Dichloroethane	6.385	63	162801	19.033	ug/l	96
25) 2-Butanone	7.343	43	261485	95.168	ug/l #	82
26) 2,2-Dichloropropane	7.327	77	142920	19.501	ug/l	91
27) cis-1,2-Dichloroethene	7.327	96	117580	19.131	ug/l	74
28) Bromochloromethane	7.659	49	74760	19.876	ug/l #	39
29) Tetrahydrofuran	7.691	42	174600	99.364	ug/l #	78
30) Chloroform	7.820	83	198241	19.455	ug/l	96
31) Cyclohexane	8.096	56	144838	18.210	ug/l #	77
32) 1,1,1-Trichloroethane	8.016	97	180360	19.848	ug/l	94
36) 1,1-Dichloropropene	8.222	75	132470	19.050	ug/l	91
37) Ethyl Acetate	7.418	43	116771	19.711	ug/l	96
38) Carbon Tetrachloride	8.209	117	161870	20.183	ug/l	96
39) Methylcyclohexane	9.461	83	167655	21.348	ug/l	85
40) Benzene	8.461	78	414328	19.522	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	52841	19.537	ug/l #	83
42) 1,2-Dichloroethane	8.534	62	145213	20.086	ug/l	91
43) Isopropyl Acetate	8.566	43	196257	20.682	ug/l #	89
44) Trichloroethene	9.217	130	132074	20.693	ug/l	76
45) 1,2-Dichloropropane	9.491	63	99717	19.975	ug/l	97
46) Dibromomethane	9.582	93	83081	20.401	ug/l #	78
47) Bromodichloromethane	9.765	83	156316	20.656	ug/l #	96
48) Methyl methacrylate	9.563	41	82238	20.796	ug/l #	82
49) 1,4-Dioxane	9.574	88	37776	395.220	ug/l #	77
51) 4-Methyl-2-Pentanone	10.333	43	599242	102.802	ug/l	90
52) Toluene	10.507	92	292854	20.240	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	158564	21.333	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	165876	20.597	ug/l #	84
55) 1,1,2-Trichloroethane	10.902	97	119536	20.674	ug/l	94
56) Ethyl methacrylate	10.765	69	153555	20.680	ug/l #	81
57) 1,3-Dichloropropane	11.047	76	178983	20.098	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	114587	85.332	ug/l #	81
59) 2-Hexanone	11.089	43	415798	102.730	ug/l	87
60) Dibromochloromethane	11.240	129	141471	21.688	ug/l	99
61) 1,2-Dibromoethane	11.347	107	129102	21.529	ug/l	99
64) Tetrachloroethene	10.979	164	137919	21.669	ug/l #	84
65) Chlorobenzene	11.773	112	334741	19.862	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	134670	21.183	ug/l	98
67) Ethyl Benzene	11.848	91	549236	19.757	ug/l	91
68) m/p-Xylenes	11.956	106	463143	41.647	ug/l	77
69) o-Xylene	12.283	106	222200	20.679	ug/l	80
70) Styrene	12.296	104	364307	21.182	ug/l #	89
71) Bromoform	12.460	173	112049	21.977	ug/l #	100
73) Isopropylbenzene	12.581	105	571897	18.763	ug/l	94
74) N-amyl acetate	12.390	43	146324	18.436	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.830	83	167522	18.326	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	122396m	17.182	ug/l	
77) Bromobenzene	12.862	156	164171	19.550	ug/l	52
78) n-propylbenzene	12.924	91	635577	19.438	ug/l	90
79) 2-Chlorotoluene	13.010	91	375338	18.562	ug/l	80
80) 1,3,5-Trimethylbenzene	13.061	105	490581	19.895	ug/l	89
81) trans-1,4-Dichloro-2-b...	12.629	75	41817	19.232	ug/l	85
82) 4-Chlorotoluene	13.106	91	375450	19.129	ug/l	83
83) tert-Butylbenzene	13.326	119	437574	19.984	ug/l	82
84) 1,2,4-Trimethylbenzene	13.372	105	484740	20.137	ug/l	90
85) sec-Butylbenzene	13.503	105	599080	20.779	ug/l	91
86) p-Isopropyltoluene	13.619	119	513389	21.572	ug/l	90
87) 1,3-Dichlorobenzene	13.619	146	290890	20.315	ug/l	92
88) 1,4-Dichlorobenzene	13.696	146	293140	20.208	ug/l	93
89) n-Butylbenzene	13.946	91	379283	21.364	ug/l	95
90) Hexachloroethane	14.214	117	88609	20.067	ug/l	69
91) 1,2-Dichlorobenzene	13.991	146	275622	20.217	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	14.605	75	27869	20.128	ug/l #	33
93) 1,2,4-Trichlorobenzene	15.265	180	142029	21.484	ug/l	96
94) Hexachlorobutadiene	15.370	225	81344	22.031	ug/l	100
95) Naphthalene	15.509	128	343626	22.404	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	138067	22.020	ug/l	97

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

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