

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090121\
 Data File : VN068381.D
 Acq On : 1 Sep 2021 12:37
 Operator : JC/MD
 Sample : VN0901WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0901WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/2/2021 7:20:08 PM

Quant Time: Sep 02 12:12:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083021W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 31 02:20:58 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	598812	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	875749	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	804570	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	405210	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	289185	47.31	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.62%		
35) Dibromofluoromethane	8.024	113	267616	48.20	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.40%		
50) Toluene-d8	10.443	98	993977	47.82	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.64%		
62) 4-Bromofluorobenzene	12.733	95	325022	47.65	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.30%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.078	85	91401	18.34	ug/l	99
3) Chloromethane	2.309	50	89557	17.15	ug/l	98
4) Vinyl Chloride	2.448	62	143404	18.01	ug/l	98
5) Bromomethane	2.845	94	143376	19.57	ug/l	98
6) Chloroethane	3.017	64	107776	18.88	ug/l	97
7) Trichlorofluoromethane	3.376	101	182776	11.55	ug/l	99
8) Diethyl Ether	3.832	74	54720	12.01	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.218	101	105471	21.12	ug/l	98
10) Methyl Iodide	4.430	142	138602	21.75	ug/l	100
11) Tert butyl alcohol	5.366	59	79011	98.86	ug/l	99
12) 1,1-Dichloroethene	4.189	96	92091	19.72	ug/l	99
13) Acrolein	4.052	56	48445	93.33	ug/l	98
14) Allyl chloride	4.851	41	117808	20.06	ug/l	99
15) Acrylonitrile	5.556	53	206047	94.29	ug/l	99
16) Acetone	4.291	43	177344	101.19	ug/l	99
17) Carbon Disulfide	4.537	76	241365	19.17	ug/l	99
18) Methyl Acetate	4.862	43	103010	21.31	ug/l	99
19) Methyl tert-butyl Ether	5.618	73	307601	20.38	ug/l	99
20) Methylene Chloride	5.098	84	105840	19.72	ug/l	94
21) trans-1,2-Dichloroethene	5.599	96	104403	19.98	ug/l	97
22) Diisopropyl ether	6.498	45	259859	20.25	ug/l	98
23) Vinyl Acetate	6.436	43	976853	98.71	ug/l	99
24) 1,1-Dichloroethane	6.391	63	170693	19.96	ug/l	99
25) 2-Butanone	7.337	43	267185	95.36	ug/l	99
26) 2,2-Dichloropropane	7.329	77	160653	20.17	ug/l	100
27) cis-1,2-Dichloroethene	7.329	96	125088	20.44	ug/l	99
28) Bromochloromethane	7.662	49	61879	17.11	ug/l	94
29) Tetrahydrofuran	7.686	42	173617	96.69	ug/l	98
30) Chloroform	7.820	83	200161	19.50	ug/l	99
31) Cyclohexane	8.099	56	157176	19.51	ug/l	97
32) 1,1,1-Trichloroethane	8.018	97	191249	20.20	ug/l	99
36) 1,1-Dichloropropene	8.225	75	140718	20.20	ug/l	99
37) Ethyl Acetate	7.415	43	112443	19.38	ug/l	97
38) Carbon Tetrachloride	8.212	117	168446	20.24	ug/l	96
39) Methylcyclohexane	9.464	83	179982	20.73	ug/l	98
40) Benzene	8.464	78	437073	20.32	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	53832	19.81	ug/l	92
42) 1,2-Dichloroethane	8.531	62	146767	20.35	ug/l	100
43) Isopropyl Acetate	8.563	43	191465	20.40	ug/l	99
44) Trichloroethene	9.220	130	136143	20.50	ug/l	98
45) 1,2-Dichloropropane	9.494	63	101938	20.41	ug/l	97
46) Dibromomethane	9.579	93	80906	19.89	ug/l	96
47) Bromodichloromethane	9.762	83	156390	20.12	ug/l	97
48) Methyl methacrylate	9.561	41	82595	20.11	ug/l	99
49) 1,4-Dioxane	9.571	88	37984	392.39	ug/l	98
51) 4-Methyl-2-Pentanone	10.333	43	565081	96.33	ug/l	98
52) Toluene	10.507	92	295016	20.39	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	154026	19.94	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	168214	20.51	ug/l	99
55) 1,1,2-Trichloroethane	10.899	97	116635	19.94	ug/l	98
56) Ethyl methacrylate	10.762	69	146352	18.46	ug/l	98
57) 1,3-Dichloropropane	11.046	76	174382	19.82	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	83234	70.79	ug/l	100
59) 2-Hexanone	11.087	43	387459	94.88	ug/l	99
60) Dibromochloromethane	11.240	129	134523	19.97	ug/l	100
61) 1,2-Dibromoethane	11.347	107	122307	19.80	ug/l	99
64) Tetrachloroethene	10.982	164	136435	21.71	ug/l	100
65) Chlorobenzene	11.773	112	327851	20.29	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	131218	20.81	ug/l	99
67) Ethyl Benzene	11.848	91	546255	20.68	ug/l	99
68) m/p-Xylenes	11.956	106	455261	42.78	ug/l	99
69) o-Xylene	12.283	106	216927	21.19	ug/l	98
70) Styrene	12.296	104	342985	21.28	ug/l	98
71) Bromoform	12.460	173	100619	17.90	ug/l #	99
73) Isopropylbenzene	12.583	105	553699	19.04	ug/l	100
74) N-amyl acetate	12.390	43	130516	17.96	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.827	83	154819	17.78	ug/l	98
76) 1,2,3-Trichloropropane	12.884	75	127266m	18.48	ug/l	
77) Bromobenzene	12.865	156	152003	18.47	ug/l	97
78) n-propylbenzene	12.924	91	610535	19.82	ug/l	99
79) 2-Chlorotoluene	13.010	91	359417	18.86	ug/l	98
80) 1,3,5-Trimethylbenzene	13.063	105	472827	20.01	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.629	75	36165	17.35	ug/l	93
82) 4-Chlorotoluene	13.109	91	355106	19.30	ug/l	99
83) tert-Butylbenzene	13.326	119	411635	19.02	ug/l	98
84) 1,2,4-Trimethylbenzene	13.372	105	458114	19.82	ug/l	100
85) sec-Butylbenzene	13.506	105	568427	19.97	ug/l	99
86) p-Isopropyltoluene	13.618	119	474788	20.17	ug/l	99
87) 1,3-Dichlorobenzene	13.618	146	271142	19.34	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	266283	19.09	ug/l	99
89) n-Butylbenzene	13.946	91	343753	19.37	ug/l	99
90) Hexachloroethane	14.211	117	80386	17.72	ug/l	89
91) 1,2-Dichlorobenzene	13.991	146	259966	19.54	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.605	75	25263	18.68	ug/l	89
93) 1,2,4-Trichlorobenzene	15.265	180	121802	18.30	ug/l	99
94) Hexachlorobutadiene	15.372	225	77785	20.14	ug/l	99
95) Naphthalene	15.509	128	245770	16.39	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	113645	17.87	ug/l	98

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

