

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090921\
 Data File : VN068439.D
 Acq On : 9 Sep 2021 13:54
 Operator : JC/MD
 Sample : VN0909WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/10/2021 12:46:58 PM

Quant Time: Sep 10 04:07:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 10 04:04:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	629406	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	921786	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	852149	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	426584	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	309742	53.648	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 107.300%			
35) Dibromofluoromethane	8.024	113	287434	51.701	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.400%			
50) Toluene-d8	10.443	98	1100037	54.471	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 108.940%			
62) 4-Bromofluorobenzene	12.733	95	351500	54.394	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 108.780%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	97261	18.926	ug/l	99
3) Chloromethane	2.303	50	93481	18.139	ug/l	99
4) Vinyl Chloride	2.443	62	151364	19.422	ug/l	98
5) Bromomethane	2.858	94	153312	20.233	ug/l	100
6) Chloroethane	3.022	64	109842	19.144	ug/l	100
7) Trichlorofluoromethane	3.376	101	184508	18.877	ug/l	99
8) Diethyl Ether	3.827	74	57103	19.370	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.213	101	104356	19.320	ug/l	98
10) Methyl Iodide	4.430	142	142063	18.441	ug/l	100
11) Tert butyl alcohol	5.363	59	78608	90.030	ug/l #	85
12) 1,1-Dichloroethene	4.189	96	95052	19.222	ug/l	94
13) Acrolein	4.049	56	36028	84.036	ug/l	95
14) Allyl chloride	4.843	41	122836	19.556	ug/l	98
15) Acrylonitrile	5.557	53	204120	92.717	ug/l	99
16) Acetone	4.291	43	175118	91.658	ug/l	99
17) Carbon Disulfide	4.537	76	247387	18.631	ug/l	100
18) Methyl Acetate	4.859	43	94707	17.734	ug/l	99
19) Methyl tert-butyl Ether	5.621	73	318134	19.200	ug/l	99
20) Methylene Chloride	5.098	84	114863	20.509	ug/l	96
21) trans-1,2-Dichloroethene	5.599	96	105645	18.713	ug/l	99
22) Diisopropyl ether	6.498	45	271148	19.937	ug/l	95
23) Vinyl Acetate	6.436	43	1021173	100.463	ug/l	100
24) 1,1-Dichloroethane	6.391	63	177308	19.240	ug/l	99
25) 2-Butanone	7.337	43	265468	94.622	ug/l	97
26) 2,2-Dichloropropane	7.329	77	169040	19.868	ug/l	98
27) cis-1,2-Dichloroethene	7.327	96	126601	19.093	ug/l	97
28) Bromochloromethane	7.657	49	57962	16.163	ug/l	95
29) Tetrahydrofuran	7.686	42	172862	94.380	ug/l	99
30) Chloroform	7.820	83	211261	19.377	ug/l	99
31) Cyclohexane	8.096	56	165492	18.915	ug/l	98
32) 1,1,1-Trichloroethane	8.019	97	199542	19.728	ug/l	99
36) 1,1-Dichloropropene	8.222	75	147252	19.161	ug/l	99
37) Ethyl Acetate	7.412	43	110094	18.833	ug/l	99
38) Carbon Tetrachloride	8.212	117	184783	20.071	ug/l	98
39) Methylcyclohexane	9.464	83	196553	20.216	ug/l	99
40) Benzene	8.464	78	454366	19.974	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	46559	16.185	ug/l	87
42) 1,2-Dichloroethane	8.531	62	152581	19.359	ug/l	100
43) Isopropyl Acetate	8.563	43	192839	18.697	ug/l	100
44) Trichloroethene	9.220	130	142671	19.809	ug/l	100
45) 1,2-Dichloropropane	9.491	63	105447	19.417	ug/l	96
46) Dibromomethane	9.579	93	86975	19.895	ug/l	96
47) Bromodichloromethane	9.765	83	162523	19.593	ug/l	99
48) Methyl methacrylate	9.561	41	79001	18.343	ug/l	93
49) 1,4-Dioxane	9.569	88	36976	374.256	ug/l	99
51) 4-Methyl-2-Pentanone	10.333	43	573473	97.404	ug/l	98
52) Toluene	10.507	92	308715	20.454	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	163716	20.601	ug/l	96
54) cis-1,3-Dichloropropene	10.191	75	176962	20.321	ug/l	99
55) 1,1,2-Trichloroethane	10.902	97	119720	19.988	ug/l	98
56) Ethyl methacrylate	10.762	69	151532	20.369	ug/l	97
57) 1,3-Dichloropropane	11.047	76	181078	19.617	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	81948	135.790	ug/l	99
59) 2-Hexanone	11.087	43	385733	97.828	ug/l	99
60) Dibromochloromethane	11.242	129	143801	20.399	ug/l	100
61) 1,2-Dibromoethane	11.350	107	128582	20.248	ug/l	99
64) Tetrachloroethene	10.979	164	147283	19.501	ug/l	97
65) Chlorobenzene	11.773	112	342676	19.573	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	137934	20.041	ug/l	99
67) Ethyl Benzene	11.848	91	579013	20.209	ug/l	100
68) m/p-Xylenes	11.956	106	484444	41.991	ug/l	98
69) o-Xylene	12.283	106	236380	21.028	ug/l	99
70) Styrene	12.296	104	367112	21.547	ug/l	99
71) Bromoform	12.460	173	105458	19.986	ug/l #	98
73) Isopropylbenzene	12.581	105	591003	19.476	ug/l	100
74) N-amyl acetate	12.390	43	129659	19.157	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.830	83	157433	18.507	ug/l	100
76) 1,2,3-Trichloropropane	12.884	75	133150m	19.773	ug/l	
77) Bromobenzene	12.862	156	154021	18.350	ug/l	92
78) n-propylbenzene	12.924	91	646641	20.181	ug/l	99
79) 2-Chlorotoluene	13.010	91	387590	19.621	ug/l	99
80) 1,3,5-Trimethylbenzene	13.063	105	501973	20.363	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.626	75	40050	20.807	ug/l	98
82) 4-Chlorotoluene	13.109	91	386971	20.314	ug/l	97
83) tert-Butylbenzene	13.326	119	462976	20.570	ug/l	97
84) 1,2,4-Trimethylbenzene	13.372	105	487753	20.630	ug/l	100
85) sec-Butylbenzene	13.503	105	609840	20.549	ug/l	99
86) p-Isopropyltoluene	13.619	119	510531	20.381	ug/l	99
87) 1,3-Dichlorobenzene	13.619	146	287471	19.740	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	277124	19.307	ug/l	96
89) n-Butylbenzene	13.946	91	352322	19.308	ug/l	99
90) Hexachloroethane	14.214	117	90104	20.492	ug/l	87
91) 1,2-Dichlorobenzene	13.991	146	273933	19.500	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.606	75	25280	18.722	ug/l	88
93) 1,2,4-Trichlorobenzene	15.268	180	109860	17.125	ug/l	99
94) Hexachlorobutadiene	15.373	225	76224	18.386	ug/l	99
95) Naphthalene	15.509	128	206221	14.854	ug/l	99
96) 1,2,3-Trichlorobenzene	15.705	180	102058	16.663	ug/l	98

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

