

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092321\
 Data File : VN068629.D
 Acq On : 23 Sep 2021 19:07
 Operator : JC/MD
 Sample : VN0923WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBS02

Manual Integrations
 APPROVED

MMDadoda
 9/24/2021 6:59:03 PM

Quant Time: Sep 24 01:58:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 13:52:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	490975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	849075	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	812000	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	344080	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	403558	52.741	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.480%			
35) Dibromofluoromethane	8.024	113	276522	48.625	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.260%			
50) Toluene-d8	10.443	98	1105802	45.921	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 91.840%			
62) 4-Bromofluorobenzene	12.734	95	385092	46.760	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 93.520%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	102770	19.580	ug/l	98
3) Chloromethane	2.301	50	155960	18.016	ug/l	98
4) Vinyl Chloride	2.440	62	181055	21.538	ug/l	98
5) Bromomethane	2.853	94	93012	22.515	ug/l	100
6) Chloroethane	3.019	64	107396	23.294	ug/l	100
7) Trichlorofluoromethane	3.373	101	194945	19.931	ug/l	98
8) Diethyl Ether	3.829	74	65615	19.096	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.213	101	99957	19.119	ug/l	93
10) Methyl Iodide	4.427	142	100245	15.952	ug/l	93
11) Tert butyl alcohol	5.366	59	102849	87.176	ug/l #	84
12) 1,1-Dichloroethene	4.183	96	92995	18.726	ug/l	93
13) Acrolein	4.047	56	33287	94.278	ug/l	95
14) Allyl chloride	4.843	41	191689	18.596	ug/l	98
15) Acrylonitrile	5.557	53	296688	93.299	ug/l	99
16) Acetone	4.288	43	265226	87.972	ug/l	99
17) Carbon Disulfide	4.535	76	264310	17.951	ug/l	98
18) Methyl Acetate	4.857	43	205574	18.235	ug/l	98
19) Methyl tert-butyl Ether	5.618	73	372220	19.976	ug/l	99
20) Methylene Chloride	5.101	84	116004	18.730	ug/l	98
21) trans-1,2-Dichloroethene	5.602	96	103669	19.196	ug/l	98
22) Diisopropyl ether	6.501	45	414350	19.511	ug/l	97
23) Vinyl Acetate	6.434	43	1639210	98.056	ug/l	100
24) 1,1-Dichloroethane	6.391	63	216293	19.646	ug/l	99
25) 2-Butanone	7.337	43	436462	93.407	ug/l	96
26) 2,2-Dichloropropane	7.327	77	174346	18.559	ug/l	97
27) cis-1,2-Dichloroethene	7.327	96	123643	19.430	ug/l	94
28) Bromochloromethane	7.657	49	76491	15.591	ug/l	91
29) Tetrahydrofuran	7.686	42	287430	96.775	ug/l	98
30) Chloroform	7.820	83	224223	20.085	ug/l	99
31) Cyclohexane	8.096	56	207594	19.303	ug/l	98
32) 1,1,1-Trichloroethane	8.016	97	203647	20.838	ug/l	99
36) 1,1-Dichloropropene	8.225	75	163937	19.117	ug/l	97
37) Ethyl Acetate	7.415	43	182632	18.759	ug/l	97
38) Carbon Tetrachloride	8.209	117	178306	20.131	ug/l	98
39) Methylcyclohexane	9.462	83	187470	18.662	ug/l	98
40) Benzene	8.464	78	491326	19.523	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	88753	17.236	ug/l	96
42) 1,2-Dichloroethane	8.531	62	198280	20.247	ug/l	100
43) Isopropyl Acetate	8.563	43	315613	18.951	ug/l	99
44) Trichloroethene	9.220	130	116846	19.264	ug/l	89
45) 1,2-Dichloropropane	9.491	63	129226	19.503	ug/l	98
46) Dibromomethane	9.580	93	85348	19.482	ug/l	92
47) Bromodichloromethane	9.765	83	179038	19.708	ug/l	98
48) Methyl methacrylate	9.561	41	143079	18.809	ug/l	99
49) 1,4-Dioxane	9.569	88	40968	369.215	ug/l	96
51) 4-Methyl-2-Pentanone	10.333	43	972025	96.509	ug/l	99
52) Toluene	10.507	92	315090	19.756	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	192722	19.229	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	199945	19.097	ug/l	98
55) 1,1,2-Trichloroethane	10.902	97	119197	19.279	ug/l	96
56) Ethyl methacrylate	10.762	69	198255	18.381	ug/l	99
57) 1,3-Dichloropropane	11.047	76	210513	19.503	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	262776	96.781	ug/l	97
59) 2-Hexanone	11.087	43	738462	101.958	ug/l	96
60) Dibromochloromethane	11.240	129	136887	20.487	ug/l	99
61) 1,2-Dibromoethane	11.347	107	127793	20.208	ug/l	99
64) Tetrachloroethene	10.980	164	101208	18.981	ug/l	95
65) Chlorobenzene	11.773	112	327860	19.112	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	128441	20.509	ug/l	98
67) Ethyl Benzene	11.846	91	610179	19.524	ug/l	97
68) m/p-Xylenes	11.956	106	450680	39.288	ug/l	90
69) o-Xylene	12.283	106	219746	19.499	ug/l	92
70) Styrene	12.296	104	354011	19.530	ug/l	96
71) Bromoform	12.460	173	90897	19.240	ug/l #	100
73) Isopropylbenzene	12.581	105	571410	18.521	ug/l	97
74) N-amyl acetate	12.390	43	257417	19.549	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.830	83	178378	18.450	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	153379m	18.028	ug/l	
77) Bromobenzene	12.862	156	130147	18.400	ug/l	82
78) n-propylbenzene	12.924	91	660388	18.850	ug/l	97
79) 2-Chlorotoluene	13.010	91	399811	18.888	ug/l	93
80) 1,3,5-Trimethylbenzene	13.061	105	471038	19.441	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.626	75	54228	18.005	ug/l	96
82) 4-Chlorotoluene	13.106	91	387081	18.818	ug/l	93
83) tert-Butylbenzene	13.326	119	409734	18.618	ug/l	92
84) 1,2,4-Trimethylbenzene	13.369	105	463484	19.622	ug/l	94
85) sec-Butylbenzene	13.503	105	572461	19.121	ug/l	97
86) p-Isopropyltoluene	13.619	119	467564	19.503	ug/l	95
87) 1,3-Dichlorobenzene	13.619	146	225431	18.782	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	221822	18.198	ug/l	97
89) n-Butylbenzene	13.943	91	384329	18.478	ug/l	98
90) Hexachloroethane	14.211	117	86727	18.339	ug/l	96
91) 1,2-Dichlorobenzene	13.991	146	216792	18.623	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.606	75	36012	20.100	ug/l	84
93) 1,2,4-Trichlorobenzene	15.265	180	110121	19.071	ug/l	98
94) Hexachlorobutadiene	15.373	225	56399	18.175	ug/l	98
95) Naphthalene	15.507	128	318267	20.193	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	108537	19.238	ug/l	97

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

