

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061521\
 Data File : VN067347.D
 Acq On : 15 Jun 2021 15:24
 Operator : JC/MD
 Sample : VN0615WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0615WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/16/2021 5:03:19 PM

Quant Time: Jun 16 02:39:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 15 05:19:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	327204	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	635588	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	582667	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	236556	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.442	65	327898	50.799	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.600%
35) Dibromofluoromethane	8.024	113	207949	49.194	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.380%
50) Toluene-d8	10.446	98	792026	48.885	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.760%
62) 4-Bromofluorobenzene	12.734	95	317254	47.448	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.900%
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	100793	19.663	ug/l	99
3) Chloromethane	2.301	50	107780	21.698	ug/l	98
4) Vinyl Chloride	2.443	62	103575	21.268	ug/l	96
5) Bromomethane	2.842	94	50557	24.470	ug/l	99
6) Chloroethane	3.011	64	59958	20.042	ug/l	96
7) Trichlorofluoromethane	3.368	101	133187	19.704	ug/l	99
8) Diethyl Ether	3.821	74	53652	19.513	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.205	101	82803	20.366	ug/l #	83
10) Methyl Iodide	4.417	142	74097	22.105	ug/l #	95
11) Tert butyl alcohol	5.390	59	100506	94.585	ug/l	99
12) 1,1-Dichloroethene	4.175	96	76783	19.566	ug/l	94
13) Acrolein	4.041	56	61633	92.922	ug/l	98
14) Allyl chloride	4.838	41	169010	19.411	ug/l	98
15) Acrylonitrile	5.559	53	243425	104.372	ug/l	99
16) Acetone	4.291	43	221309	89.344	ug/l	97
17) Carbon Disulfide	4.524	76	239653	18.908	ug/l	98
18) Methyl Acetate	4.857	43	116605	19.414	ug/l	100
19) Methyl tert-butyl Ether	5.621	73	335764	21.315	ug/l	98
20) Methylene Chloride	5.093	84	96578	18.739	ug/l	98
21) trans-1,2-Dichloroethene	5.594	96	85070	19.562	ug/l	95
22) Diisopropyl ether	6.498	45	334736	20.827	ug/l	99
23) Vinyl Acetate	6.439	43	1466285	99.563	ug/l	100
24) 1,1-Dichloroethane	6.388	63	182755	20.270	ug/l	99
25) 2-Butanone	7.343	43	351685	99.359	ug/l	100
26) 2,2-Dichloropropane	7.327	77	170578	18.666	ug/l	100
27) cis-1,2-Dichloroethene	7.327	96	102268	19.985	ug/l	99
28) Bromochloromethane	7.659	49	76063	18.128	ug/l	99
29) Tetrahydrofuran	7.694	42	232383	104.132	ug/l	99
30) Chloroform	7.820	83	188898	19.955	ug/l	98
31) Cyclohexane	8.096	56	172342	19.640	ug/l	97
32) 1,1,1-Trichloroethane	8.013	97	170673	19.629	ug/l	99
36) 1,1-Dichloropropene	8.223	75	138198	19.395	ug/l	99
37) Ethyl Acetate	7.421	43	146998	19.472	ug/l	99
38) Carbon Tetrachloride	8.206	117	144254	18.835	ug/l	99
39) Methylcyclohexane	9.462	83	152497	20.221	ug/l	98
40) Benzene	8.461	78	393793	19.801	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.641	41	77163	19.662	ug/l	97
42) 1,2-Dichloroethane	8.531	62	167302	19.908	ug/l	100
43) Isopropyl Acetate	8.566	43	258922	19.109	ug/l	99
44) Trichloroethene	9.220	130	90060	19.364	ug/l	97
45) 1,2-Dichloropropane	9.494	63	105042	19.803	ug/l	99
46) Dibromomethane	9.580	93	71298	19.757	ug/l	97
47) Bromodichloromethane	9.765	83	152534	18.843	ug/l	96
48) Methyl methacrylate	9.563	41	114487	18.530	ug/l	96
49) 1,4-Dioxane	9.572	88	34032	402.461	ug/l	98
51) 4-Methyl-2-Pentanone	10.336	43	759966	97.417	ug/l	99
52) Toluene	10.510	92	245292	19.614	ug/l	100
53) t-1,3-Dichloropropene	10.722	75	165473	18.459	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	172999	19.095	ug/l	99
55) 1,1,2-Trichloroethane	10.902	97	94759	19.597	ug/l	97
56) Ethyl methacrylate	10.765	69	165755	19.068	ug/l	99
57) 1,3-Dichloropropane	11.049	76	174314	19.736	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	183898	72.692	ug/l	98
59) 2-Hexanone	11.090	43	537463	94.038	ug/l	100
60) Dibromochloromethane	11.242	129	98565	18.644	ug/l	98
61) 1,2-Dibromoethane	11.350	107	94194	18.607	ug/l	99
64) Tetrachloroethene	10.980	164	83920	20.284	ug/l	98
65) Chlorobenzene	11.773	112	247635	19.531	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.846	131	93388	19.779	ug/l	96
67) Ethyl Benzene	11.849	91	484854	19.337	ug/l	98
68) m/p-Xylenes	11.956	106	340867	38.243	ug/l	100
69) o-Xylene	12.283	106	170038	19.504	ug/l	100
70) Styrene	12.299	104	280477	19.355	ug/l	99
71) Bromoform	12.463	173	64694	17.932	ug/l #	99
73) Isopropylbenzene	12.583	105	454139	20.007	ug/l	99
74) N-amyl acetate	12.390	43	204783	18.479	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.833	83	133425	19.717	ug/l	98
76) 1,2,3-Trichloropropane	12.884	75	120017m	19.537	ug/l	
77) Bromobenzene	12.865	156	89303	19.319	ug/l	99
78) n-propylbenzene	12.924	91	535831	19.847	ug/l	98
79) 2-Chlorotoluene	13.012	91	325604	19.369	ug/l	99
80) 1,3,5-Trimethylbenzene	13.063	105	378465	19.793	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.629	75	41914	16.910	ug/l	97
82) 4-Chlorotoluene	13.109	91	324248	19.372	ug/l	99
83) tert-Butylbenzene	13.326	119	303208	19.915	ug/l	99
84) 1,2,4-Trimethylbenzene	13.372	105	370863	19.632	ug/l	99
85) sec-Butylbenzene	13.506	105	434019	20.134	ug/l	99
86) p-Isopropyltoluene	13.621	119	336022	19.314	ug/l	99
87) 1,3-Dichlorobenzene	13.619	146	160378	19.234	ug/l	99
88) 1,4-Dichlorobenzene	13.699	146	159959	19.072	ug/l	99
89) n-Butylbenzene	13.946	91	315247	19.284	ug/l	99
90) Hexachloroethane	14.214	117	66131	19.437	ug/l	98
91) 1,2-Dichlorobenzene	13.994	146	155133	19.609	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.608	75	29872	17.658	ug/l	98
93) 1,2,4-Trichlorobenzene	15.268	180	73465	17.786	ug/l	98
94) Hexachlorobutadiene	15.375	225	42292	17.829	ug/l	98
95) Naphthalene	15.512	128	215870	16.848	ug/l	99
96) 1,2,3-Trichlorobenzene	15.705	180	70023	17.658	ug/l	98

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

