

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062121\
 Data File : VN067410.D
 Acq On : 21 Jun 2021 12:35
 Operator : JC/MD
 Sample : VN0621WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/22/2021 6:24:43 PM

Quant Time: Jun 22 03:09:52 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	275544	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	567755	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	509926	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	198914	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	272914	50.207	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.420%			
35) Dibromofluoromethane	8.021	113	182899	48.437	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.880%			
50) Toluene-d8	10.443	98	706461	48.813	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.620%			
62) 4-Bromofluorobenzene	12.734	95	261281	43.745	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 87.500%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	86533	20.020	ug/l	99
3) Chloromethane	2.301	50	89898	21.491	ug/l	98
4) Vinyl Chloride	2.443	62	84050	20.495	ug/l	98
5) Bromomethane	2.842	94	45614	26.217	ug/l	98
6) Chloroethane	3.017	64	51963	20.626	ug/l	100
7) Trichlorofluoromethane	3.371	101	118766	20.864	ug/l	97
8) Diethyl Ether	3.821	74	52403	22.632	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.200	101	76216	22.261	ug/l #	79
10) Methyl Iodide	4.417	142	70355	24.064	ug/l	94
11) Tert butyl alcohol	5.390	59	91878	102.676	ug/l	98
12) 1,1-Dichloroethene	4.173	96	72632	21.979	ug/l	97
13) Acrolein	4.041	56	59116	105.837	ug/l	99
14) Allyl chloride	4.838	41	150973	20.590	ug/l	96
15) Acrylonitrile	5.557	53	237490	120.919	ug/l	99
16) Acetone	4.291	43	206201	98.852	ug/l	95
17) Carbon Disulfide	4.524	76	222157	20.813	ug/l	99
18) Methyl Acetate	4.857	43	113452	22.430	ug/l	97
19) Methyl tert-butyl Ether	5.618	73	299843	22.604	ug/l	96
20) Methylene Chloride	5.095	84	94721	21.824	ug/l	95
21) trans-1,2-Dichloroethene	5.594	96	79004	21.573	ug/l	98
22) Diisopropyl ether	6.501	45	310050	22.908	ug/l	99
23) Vinyl Acetate	6.434	43	1362656	109.873	ug/l	99
24) 1,1-Dichloroethane	6.385	63	168372	22.176	ug/l	99
25) 2-Butanone	7.340	43	319846	107.305	ug/l	99
26) 2,2-Dichloropropane	7.327	77	146977	19.099	ug/l	97
27) cis-1,2-Dichloroethene	7.327	96	94416	21.910	ug/l	97
28) Bromochloromethane	7.657	49	75900	21.480	ug/l	95
29) Tetrahydrofuran	7.694	42	210343	111.927	ug/l	98
30) Chloroform	7.820	83	167484	21.010	ug/l	95
31) Cyclohexane	8.094	56	158052	21.389	ug/l	96
32) 1,1,1-Trichloroethane	8.013	97	141025	19.260	ug/l	98
36) 1,1-Dichloropropene	8.223	75	125244	19.677	ug/l	99
37) Ethyl Acetate	7.418	43	135089	20.032	ug/l	98
38) Carbon Tetrachloride	8.206	117	111551	16.305	ug/l	96
39) Methylcyclohexane	9.459	83	146836	21.797	ug/l	97
40) Benzene	8.461	78	363155	20.442	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	72798	20.766	ug/l	98
42) 1,2-Dichloroethane	8.531	62	143862	19.164	ug/l	100
43) Isopropyl Acetate	8.566	43	234305	19.358	ug/l	98
44) Trichloroethene	9.217	130	75683	18.217	ug/l	93
45) 1,2-Dichloropropane	9.491	63	100139	21.134	ug/l	99
46) Dibromomethane	9.580	93	64412	19.981	ug/l	97
47) Bromodichloromethane	9.765	83	132776	18.362	ug/l	100
48) Methyl methacrylate	9.563	41	102144	18.508	ug/l	94
49) 1,4-Dioxane	9.572	88	32262	427.113	ug/l	99
51) 4-Methyl-2-Pentanone	10.333	43	690491	99.086	ug/l	98
52) Toluene	10.508	92	217502	19.470	ug/l	97
53) t-1,3-Dichloropropene	10.719	75	149550	18.676	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	160534	19.836	ug/l	94
55) 1,1,2-Trichloroethane	10.902	97	86336	19.989	ug/l	96
56) Ethyl methacrylate	10.765	69	157026	20.222	ug/l	94
57) 1,3-Dichloropropane	11.047	76	160274	20.314	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.044	63	183853	81.357	ug/l	98
59) 2-Hexanone	11.090	43	484879	94.974	ug/l	96
60) Dibromochloromethane	11.242	129	82042	17.372	ug/l	97
61) 1,2-Dibromoethane	11.350	107	84434	18.672	ug/l	100
64) Tetrachloroethene	10.980	164	68721	18.980	ug/l	98
65) Chlorobenzene	11.773	112	212049	19.110	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	75197	18.198	ug/l	96
67) Ethyl Benzene	11.846	91	429965	19.594	ug/l	96
68) m/p-Xylenes	11.956	106	299654	38.415	ug/l	98
69) o-Xylene	12.283	106	146798	19.240	ug/l	98
70) Styrene	12.296	104	243014	19.162	ug/l	98
71) Bromoform	12.460	173	52183	16.527	ug/l #	99
73) Isopropylbenzene	12.581	105	385432	20.194	ug/l	99
74) N-amyl acetate	12.390	43	188129	20.189	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.830	83	123975	21.787	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	106658m	20.648	ug/l	
77) Bromobenzene	12.865	156	74980	19.290	ug/l	94
78) n-propylbenzene	12.924	91	473233	20.846	ug/l	97
79) 2-Chlorotoluene	13.010	91	282061	19.954	ug/l	100
80) 1,3,5-Trimethylbenzene	13.063	105	318998	19.840	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.629	75	40621	19.489	ug/l	96
82) 4-Chlorotoluene	13.109	91	281053	19.969	ug/l	98
83) tert-Butylbenzene	13.326	119	254022	19.841	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	314988	19.829	ug/l	100
85) sec-Butylbenzene	13.506	105	379859	20.956	ug/l	98
86) p-Isopropyltoluene	13.619	119	291158	19.902	ug/l	98
87) 1,3-Dichlorobenzene	13.619	146	135452	19.319	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	138371	19.620	ug/l	99
89) n-Butylbenzene	13.943	91	288574	20.993	ug/l	98
90) Hexachloroethane	14.214	117	54621	19.092	ug/l	90
91) 1,2-Dichlorobenzene	13.991	146	133627	20.086	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.608	75	24838	17.460	ug/l	97
93) 1,2,4-Trichlorobenzene	15.268	180	64491	18.568	ug/l	99
94) Hexachlorobutadiene	15.373	225	33770	16.930	ug/l	99
95) Naphthalene	15.509	128	198839	18.207	ug/l	99
96) 1,2,3-Trichlorobenzene	15.705	180	60638	18.185	ug/l	99

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

