

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN063021\
 Data File : VN067583.D
 Acq On : 30 Jun 2021 19:44
 Operator : JC/MD
 Sample : VN0630WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/2/2021 10:27:47 AM

Quant Time: Jul 01 01:30:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062821W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 28 14:31:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	187764	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	366763	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	361398	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	166786	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	144639	56.286	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	112.580%
35) Dibromofluoromethane	8.024	113	104444	45.931	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	91.860%
50) Toluene-d8	10.443	98	462253	50.042	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.080%
62) 4-Bromofluorobenzene	12.733	95	162048	50.223	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	100.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	35456	18.253	ug/l	98
3) Chloromethane	2.301	50	51579	22.064	ug/l	96
4) Vinyl Chloride	2.443	62	82313	26.189	ug/l	99
5) Bromomethane	2.853	94	63349	27.398	ug/l	100
6) Chloroethane	3.017	64	56948	25.979	ug/l	92
7) Trichlorofluoromethane	3.371	101	150836	26.709	ug/l	100
8) Diethyl Ether	3.821	74	50765	38.795	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.202	101	34089	18.286	ug/l	96
10) Methyl Iodide	4.414	142	39685	16.332	ug/l	93
11) Tert butyl alcohol	5.387	59	38419	100.157	ug/l	97
12) 1,1-Dichloroethene	4.173	96	33414	18.335	ug/l	83
13) Acrolein	4.041	56	24126	96.844	ug/l	100
14) Allyl chloride	4.835	41	52928	17.766	ug/l #	88
15) Acrylonitrile	5.562	53	95830	97.200	ug/l	99
16) Acetone	4.291	43	78879	93.061	ug/l	99
17) Carbon Disulfide	4.521	76	84304	16.407	ug/l	97
18) Methyl Acetate	4.859	43	43147	19.083	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	136457	19.526	ug/l	98
20) Methylene Chloride	5.098	84	41572	18.564	ug/l	90
21) trans-1,2-Dichloroethene	5.594	96	38741	18.744	ug/l	89
22) Diisopropyl ether	6.500	45	131630	20.347	ug/l	97
23) Vinyl Acetate	6.436	43	559437	103.152	ug/l	96
24) 1,1-Dichloroethane	6.391	63	75324	19.952	ug/l	97
25) 2-Butanone	7.343	43	135508	103.667	ug/l #	90
26) 2,2-Dichloropropane	7.327	77	61594	17.604	ug/l	95
27) cis-1,2-Dichloroethene	7.327	96	47510	19.002	ug/l	88
28) Bromochloromethane	7.659	49	35079	19.856	ug/l #	80
29) Tetrahydrofuran	7.691	42	91619	105.260	ug/l	91
30) Chloroform	7.820	83	83528	20.112	ug/l	100
31) Cyclohexane	8.094	56	70345	19.124	ug/l	84
32) 1,1,1-Trichloroethane	8.016	97	74961	19.878	ug/l	99
36) 1,1-Dichloropropene	8.220	75	62426	18.854	ug/l	98
37) Ethyl Acetate	7.418	43	55042	18.104	ug/l #	96
38) Carbon Tetrachloride	8.206	117	60796	17.141	ug/l	98
39) Methylcyclohexane	9.461	83	66149	16.504	ug/l	91
40) Benzene	8.461	78	186844	18.637	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	28461	18.778	ug/l	92
42) 1,2-Dichloroethane	8.533	62	70982	20.513	ug/l	97
43) Isopropyl Acetate	8.566	43	106279	20.463	ug/l	96
44) Trichloroethene	9.217	130	46875	17.952	ug/l	89
45) 1,2-Dichloropropane	9.491	63	48102	19.165	ug/l	99
46) Dibromomethane	9.579	93	33971	19.010	ug/l	97
47) Bromodichloromethane	9.764	83	66730	18.878	ug/l	99
48) Methyl methacrylate	9.563	41	44106	19.393	ug/l	85
49) 1,4-Dioxane	9.577	88	17216	378.633	ug/l	86
51) 4-Methyl-2-Pentanone	10.336	43	328792	104.929	ug/l	96
52) Toluene	10.507	92	131902	20.138	ug/l	98
53) t-1,3-Dichloropropene	10.722	75	71560	18.671	ug/l	97
54) cis-1,3-Dichloropropene	10.191	75	75110	18.740	ug/l	91
55) 1,1,2-Trichloroethane	10.902	97	50206	19.643	ug/l	96
56) Ethyl methacrylate	10.765	69	79518	20.576	ug/l	90
57) 1,3-Dichloropropane	11.049	76	84046	20.315	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	81753	101.769	ug/l	94
59) 2-Hexanone	11.089	43	232878	105.268	ug/l	93
60) Dibromochloromethane	11.242	129	50033	17.835	ug/l	100
61) 1,2-Dibromoethane	11.349	107	50945	19.468	ug/l	99
64) Tetrachloroethene	10.979	164	47985	18.950	ug/l	98
65) Chlorobenzene	11.773	112	138425	18.667	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.846	131	49802	18.760	ug/l	98
67) Ethyl Benzene	11.848	91	257748	19.255	ug/l	97
68) m/p-Xylenes	11.956	106	196735	38.175	ug/l	86
69) o-Xylene	12.283	106	98539	19.305	ug/l	88
70) Styrene	12.296	104	157234	18.589	ug/l	93
71) Bromoform	12.460	173	30906	16.398	ug/l #	99
73) Isopropylbenzene	12.583	105	247268	17.630	ug/l	98
74) N-amyl acetate	12.390	43	88155	19.169	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.830	83	72771	18.292	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	58448m	17.483	ug/l	
77) Bromobenzene	12.865	156	53548	17.208	ug/l	80
78) n-propylbenzene	12.924	91	280407	17.938	ug/l	97
79) 2-Chlorotoluene	13.010	91	170347	17.837	ug/l	92
80) 1,3,5-Trimethylbenzene	13.063	105	209339	18.213	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.629	75	18251	15.696	ug/l	98
82) 4-Chlorotoluene	13.109	91	174348	18.681	ug/l	97
83) tert-Butylbenzene	13.326	119	173225	17.376	ug/l	92
84) 1,2,4-Trimethylbenzene	13.372	105	207601	18.344	ug/l	95
85) sec-Butylbenzene	13.506	105	238354	17.385	ug/l	98
86) p-Isopropyltoluene	13.618	119	194966	17.680	ug/l	95
87) 1,3-Dichlorobenzene	13.618	146	101325	17.586	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	100305	17.615	ug/l	97
89) n-Butylbenzene	13.946	91	163833	18.014	ug/l	99
90) Hexachloroethane	14.214	117	30980	15.964	ug/l	95
91) 1,2-Dichlorobenzene	13.991	146	100426	18.296	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.605	75	12970	18.638	ug/l	75
93) 1,2,4-Trichlorobenzene	15.268	180	41132	17.023	ug/l	99
94) Hexachlorobutadiene	15.372	225	18466	17.340	ug/l	96
95) Naphthalene	15.507	128	145376	19.733	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	41116	17.386	ug/l	96

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

