

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070221\
 Data File : VN067619.D
 Acq On : 2 Jul 2021 16:15
 Operator : JC/MD
 Sample : VN0702WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0702WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/7/2021 8:51:30 AM

Quant Time: Jul 05 05:01:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 12:55:54 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	395951	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	734657	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	719230	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	330296	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	298317	50.349	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.700%			
35) Dibromofluoromethane	8.024	113	218334	48.050	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.100%			
50) Toluene-d8	10.443	98	924669	48.215	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.440%			
62) 4-Bromofluorobenzene	12.734	95	329007	48.090	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 96.180%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	84989	19.842	ug/l	100
3) Chloromethane	2.301	50	109967	20.252	ug/l	97
4) Vinyl Chloride	2.443	62	169429	20.228	ug/l	96
5) Bromomethane	2.850	94	143647	21.880	ug/l	98
6) Chloroethane	3.017	64	126581	19.557	ug/l	99
7) Trichlorofluoromethane	3.371	101	317951	19.715	ug/l	100
8) Diethyl Ether	3.816	74	70202	16.791	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.197	101	72736	19.659	ug/l	96
10) Methyl Iodide	4.419	142	85654	18.314	ug/l	91
11) Tert butyl alcohol	5.388	59	70583	86.883	ug/l	99
12) 1,1-Dichloroethene	4.175	96	70339	19.987	ug/l	88
13) Acrolein	4.039	56	60536	90.192	ug/l	99
14) Allyl chloride	4.838	41	121762	19.456	ug/l	94
15) Acrylonitrile	5.557	53	208856	98.905	ug/l	100
16) Acetone	4.293	43	168050	89.464	ug/l	98
17) Carbon Disulfide	4.524	76	186936	18.659	ug/l	99
18) Methyl Acetate	4.859	43	94558	19.759	ug/l	94
19) Methyl tert-butyl Ether	5.624	73	281783	19.614	ug/l	99
20) Methylene Chloride	5.093	84	90193	19.260	ug/l	92
21) trans-1,2-Dichloroethene	5.594	96	80918	19.073	ug/l	91
22) Diisopropyl ether	6.501	45	287789	19.628	ug/l	97
23) Vinyl Acetate	6.436	43	1202393m	95.757	ug/l	
24) 1,1-Dichloroethane	6.388	63	159100	19.909	ug/l	99
25) 2-Butanone	7.343	43	293680	96.896	ug/l	94
26) 2,2-Dichloropropane	7.327	77	131995	18.096	ug/l	94
27) cis-1,2-Dichloroethene	7.327	96	100153	19.583	ug/l	87
28) Bromochloromethane	7.659	49	75052	19.346	ug/l	85
29) Tetrahydrofuran	7.691	42	189276	93.757	ug/l	93
30) Chloroform	7.820	83	174893	19.165	ug/l	98
31) Cyclohexane	8.094	56	153507	18.731	ug/l	91
32) 1,1,1-Trichloroethane	8.019	97	157190	19.753	ug/l	98
36) 1,1-Dichloropropene	8.222	75	124564	17.978	ug/l	95
37) Ethyl Acetate	7.415	43	123916	18.637	ug/l	97
38) Carbon Tetrachloride	8.206	117	126750	18.150	ug/l	99
39) Methylcyclohexane	9.462	83	141082	18.519	ug/l	92
40) Benzene	8.461	78	382763	18.619	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	65157	19.988	ug/l	95
42) 1,2-Dichloroethane	8.534	62	143303	18.983	ug/l	97
43) Isopropyl Acetate	8.566	43	217582	18.764	ug/l	98
44) Trichloroethene	9.217	130	97802	19.015	ug/l	85
45) 1,2-Dichloropropane	9.491	63	97059	19.054	ug/l	98
46) Dibromomethane	9.580	93	69912	18.809	ug/l	96
47) Bromodichloromethane	9.765	83	132462	18.539	ug/l	99
48) Methyl methacrylate	9.563	41	95010	18.626	ug/l	93
49) 1,4-Dioxane	9.571	88	33153	366.498	ug/l	91
51) 4-Methyl-2-Pentanone	10.333	43	678850	95.741	ug/l	97
52) Toluene	10.508	92	258435	18.875	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	137487	16.881	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	149844	18.419	ug/l	95
55) 1,1,2-Trichloroethane	10.902	97	98720	18.796	ug/l	97
56) Ethyl methacrylate	10.765	69	151399	18.658	ug/l	96
57) 1,3-Dichloropropane	11.049	76	165838	19.002	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	163625	97.647	ug/l	93
59) 2-Hexanone	11.089	43	473600	95.292	ug/l	96
60) Dibromochloromethane	11.240	129	93980	16.281	ug/l	96
61) 1,2-Dibromoethane	11.350	107	101710	18.727	ug/l	95
64) Tetrachloroethene	10.980	164	96060	18.764	ug/l	93
65) Chlorobenzene	11.773	112	270592	18.369	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	95836	18.335	ug/l	97
67) Ethyl Benzene	11.848	91	509906	19.068	ug/l	99
68) m/p-Xylenes	11.956	106	384820	37.552	ug/l	90
69) o-Xylene	12.283	106	192946	19.014	ug/l	89
70) Styrene	12.296	104	317892	17.875	ug/l	93
71) Bromoform	12.463	173	61643	16.106	ug/l #	99
73) Isopropylbenzene	12.581	105	508129	18.485	ug/l	99
74) N-amyl acetate	12.390	43	191875	19.852	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.830	83	146716	18.845	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	126508m	19.151	ug/l	
77) Bromobenzene	12.862	156	109919	17.923	ug/l	78
78) n-propylbenzene	12.924	91	577493	18.925	ug/l	98
79) 2-Chlorotoluene	13.010	91	353962	18.891	ug/l	92
80) 1,3,5-Trimethylbenzene	13.063	105	419618	18.936	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.629	75	33353	15.225	ug/l	93
82) 4-Chlorotoluene	13.106	91	343896	18.660	ug/l	93
83) tert-Butylbenzene	13.326	119	364766	19.572	ug/l	90
84) 1,2,4-Trimethylbenzene	13.372	105	426368	19.661	ug/l	95
85) sec-Butylbenzene	13.503	105	499052	19.418	ug/l	97
86) p-Isopropyltoluene	13.619	119	414987	20.062	ug/l	96
87) 1,3-Dichlorobenzene	13.619	146	214878	19.285	ug/l	93
88) 1,4-Dichlorobenzene	13.696	146	211813	19.057	ug/l	96
89) n-Butylbenzene	13.946	91	352996	20.509	ug/l	98
90) Hexachloroethane	14.214	117	72835	21.165	ug/l	90
91) 1,2-Dichlorobenzene	13.991	146	210797	19.382	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.606	75	27863	21.416	ug/l	75
93) 1,2,4-Trichlorobenzene	15.265	180	115144	25.028	ug/l	98
94) Hexachlorobutadiene	15.375	225	54193	25.065	ug/l	97
95) Naphthalene	15.509	128	362149	24.904	ug/l	97
96) 1,2,3-Trichlorobenzene	15.702	180	111799	26.280	ug/l	96

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

