

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122821\
 Data File : VN070337.D
 Acq On : 28 Dec 2021 20:27
 Operator : JC/MD
 Sample : VN1228WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1228WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/29/2021
 Supervised By : Mahesh Dadoda 12/30/2021

Quant Time: Dec 28 20:50:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1066396	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1761206	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1628957	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	632256	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	762371	49.722	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.440%		
35) Dibromofluoromethane	8.021	113	554691	52.053	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	104.100%		
50) Toluene-d8	10.441	98	2204117	50.633	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.260%		
62) 4-Bromofluorobenzene	12.731	95	750027	47.703	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.400%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.075	85	198697	16.430	ug/l	98
3) Chloromethane	2.303	50	267566	16.265	ug/l	98
4) Vinyl Chloride	2.448	62	240419	16.052	ug/l	98
5) Bromomethane	2.853	94	131975	17.072	ug/l	99
6) Chloroethane	3.019	64	138854	15.394	ug/l	96
7) Trichlorofluoromethane	3.376	101	280137	15.539	ug/l	98
8) Diethyl Ether	3.824	74	126420	15.907	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.205	101	176637	16.020	ug/l	96
10) Methyl Iodide	4.420	142	238611	15.990	ug/l	99
11) Tert butyl alcohol	5.382	59	225004	88.134	ug/l #	88
12) 1,1-Dichloroethene	4.181	96	171872	15.825	ug/l	92
13) Acrolein	4.041	56	204586	98.764	ug/l	99
14) Allyl chloride	4.841	41	392330	15.933	ug/l	86
15) Acrylonitrile	5.559	53	698677	87.700	ug/l	99
16) Acetone	4.288	43	666999	67.013	ug/l	98
17) Carbon Disulfide	4.527	76	497646	16.786	ug/l	99
18) Methyl Acetate	4.859	43	492482	17.105	ug/l	91
19) Methyl tert-butyl Ether	5.618	73	648329	16.074	ug/l	97
20) Methylene Chloride	5.095	84	221887	16.113	ug/l #	85
21) trans-1,2-Dichloroethene	5.594	96	186521	16.220	ug/l	87
22) Diisopropyl ether	6.498	45	801548	16.712	ug/l #	95
23) Vinyl Acetate	6.436	43	3173511	85.283	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	405459	16.304	ug/l	98
25) 2-Butanone	7.340	43	1012548	80.794	ug/l	93
26) 2,2-Dichloropropane	7.327	77	287274	14.643	ug/l	97
27) cis-1,2-Dichloroethene	7.327	96	220093	16.040	ug/l	86
28) Bromochloromethane	7.657	49	221527	18.215	ug/l #	77
29) Tetrahydrofuran	7.689	42	676681	90.498	ug/l	87
30) Chloroform	7.820	83	392451	16.358	ug/l	98
31) Cyclohexane	8.096	56	396634	16.393	ug/l	90
32) 1,1,1-Trichloroethane	8.013	97	333443	16.484	ug/l	97
36) 1,1-Dichloropropene	8.223	75	282109	16.003	ug/l	97
37) Ethyl Acetate	7.415	43	402815	17.629	ug/l	95
38) Carbon Tetrachloride	8.209	117	282345	16.773	ug/l	99
39) Methylcyclohexane	9.462	83	332191	15.565	ug/l #	86
40) Benzene	8.461	78	892592	16.516	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	199493	17.455	ug/l	89
42) 1,2-Dichloroethane	8.531	62	326348	16.065	ug/l	98
43) Isopropyl Acetate	8.560	43	603240	16.745	ug/l #	95
44) Trichloroethene	9.218	130	201995	15.730	ug/l	92
45) 1,2-Dichloropropane	9.488	63	241678	16.609	ug/l	100
46) Dibromomethane	9.577	93	150060	16.585	ug/l	94
47) Bromodichloromethane	9.762	83	307721	17.128	ug/l	99
48) Methyl methacrylate	9.561	41	299630	17.437	ug/l #	81
49) 1,4-Dioxane	9.572	88	89056	354.043	ug/l #	84
51) 4-Methyl-2-Pentanone	10.331	43	2005400	88.589	ug/l	96
52) Toluene	10.505	92	542533	16.585	ug/l	97
53) t-1,3-Dichloropropene	10.719	75	323157	16.615	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	351537	16.708	ug/l	94
55) 1,1,2-Trichloroethane	10.896	97	214464	16.570	ug/l	97
56) Ethyl methacrylate	10.762	69	349502	16.342	ug/l #	88
57) 1,3-Dichloropropane	11.044	76	378004	16.512	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	440381	93.160	ug/l	90
59) 2-Hexanone	11.087	43	1498692	90.786	ug/l	92
60) Dibromochloromethane	11.237	129	225786	17.879	ug/l	100
61) 1,2-Dibromoethane	11.344	107	216196	16.451	ug/l	100
64) Tetrachloroethene	10.977	164	176365	14.951	ug/l	93
65) Chlorobenzene	11.771	112	554109	16.032	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.841	131	209145	16.950	ug/l	100
67) Ethyl Benzene	11.846	91	1018363	16.081	ug/l	97
68) m/p-Xylenes	11.953	106	747899	32.445	ug/l	94
69) o-Xylene	12.280	106	365682	15.949	ug/l	93
70) Styrene	12.294	104	587872	16.200	ug/l	96
71) Bromoform	12.457	173	170826	18.655	ug/l #	100
73) Isopropylbenzene	12.578	105	944709	16.090	ug/l	98
74) N-amyl acetate	12.388	43	401464	16.262	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.827	83	336878	16.608	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	327318m	19.265	ug/l	
77) Bromobenzene	12.860	156	218582	16.215	ug/l	77
78) n-propylbenzene	12.921	91	1057564	16.257	ug/l	96
79) 2-Chlorotoluene	13.007	91	662026	15.860	ug/l	92
80) 1,3,5-Trimethylbenzene	13.061	105	778808	16.552	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	91440	17.670	ug/l	97
82) 4-Chlorotoluene	13.106	91	628685	16.079	ug/l	92
83) tert-Butylbenzene	13.324	119	644771	15.563	ug/l	92
84) 1,2,4-Trimethylbenzene	13.367	105	765452	16.895	ug/l	98
85) sec-Butylbenzene	13.501	105	903179	16.057	ug/l	98
86) p-Isopropyltoluene	13.616	119	700178	15.847	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	357978	15.864	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	344912	15.495	ug/l	95
89) n-Butylbenzene	13.943	91	549790	14.918	ug/l	98
90) Hexachloroethane	14.209	117	147003	19.151	ug/l	90
91) 1,2-Dichlorobenzene	13.989	146	352619	15.940	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	59944	17.624	ug/l	81
93) 1,2,4-Trichlorobenzene	15.263	180	152095	14.592	ug/l	99
94) Hexachlorobutadiene	15.370	225	104852	17.308	ug/l	99
95) Naphthalene	15.507	128	392086	14.918	ug/l	99
96) 1,2,3-Trichlorobenzene	15.703	180	148028	15.428	ug/l	98

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

