

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120721\
 Data File : VN069807.D
 Acq On : 7 Dec 2021 12:00
 Operator : JC/MD
 Sample : VN1207WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1207WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/08/2021
 Supervised By : Amit Patel 12/14/2021

Quant Time: Dec 08 04:32:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1049684	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1685280	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1533956	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	633778	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	731271	45.120	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.240%		
35) Dibromofluoromethane	8.021	113	498841	47.256	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.520%		
50) Toluene-d8	10.440	98	1933268	45.610	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	91.220%		
62) 4-Bromofluorobenzene	12.731	95	667649	43.479	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	86.960%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.075	85	215911	17.636	ug/l	100
3) Chloromethane	2.306	50	249976	16.298	ug/l	97
4) Vinyl Chloride	2.448	62	232688	16.499	ug/l	98
5) Bromomethane	2.861	94	134800	17.593	ug/l	95
6) Chloroethane	3.027	64	144929	16.769	ug/l	97
7) Trichlorofluoromethane	3.379	101	315827	17.062	ug/l	99
8) Diethyl Ether	3.827	74	125976	17.671	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.210	101	187740	18.094	ug/l	96
10) Methyl Iodide	4.422	142	230564	16.266	ug/l	97
11) Tert butyl alcohol	5.374	59	212957	69.513	ug/l #	83
12) 1,1-Dichloroethene	4.181	96	169056	16.908	ug/l	87
13) Acrolein	4.038	56	272185	104.330	ug/l	98
14) Allyl chloride	4.843	41	374089	16.604	ug/l	95
15) Acrylonitrile	5.556	53	649478	78.676	ug/l	100
16) Acetone	4.288	43	775738	79.568	ug/l	98
17) Carbon Disulfide	4.529	76	415336	16.079	ug/l	100
18) Methyl Acetate	4.856	43	459659	15.620	ug/l	92
19) Methyl tert-butyl Ether	5.615	73	682178	17.547	ug/l	96
20) Methylene Chloride	5.092	84	218064	16.825	ug/l	86
21) trans-1,2-Dichloroethene	5.602	96	183623	16.908	ug/l	88
22) Diisopropyl ether	6.498	45	793567	18.020	ug/l	97
23) Vinyl Acetate	6.433	43	3199198	89.296	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	393648	17.256	ug/l	98
25) 2-Butanone	7.335	43	1006455	75.979	ug/l	92
26) 2,2-Dichloropropane	7.327	77	304833	17.187	ug/l	97
27) cis-1,2-Dichloroethene	7.324	96	222816	16.982	ug/l	85
28) Bromochloromethane	7.656	49	236929	19.973	ug/l #	79
29) Tetrahydrofuran	7.686	42	631316	78.487	ug/l	87
30) Chloroform	7.817	83	404769	17.569	ug/l	100
31) Cyclohexane	8.094	56	390178	17.299	ug/l	89
32) 1,1,1-Trichloroethane	8.013	97	333739	17.006	ug/l	96
36) 1,1-Dichloropropene	8.220	75	288761	17.999	ug/l	97
37) Ethyl Acetate	7.412	43	389270	16.302	ug/l	95
38) Carbon Tetrachloride	8.206	117	274673	17.459	ug/l	98
39) Methylcyclohexane	9.459	83	346676	18.167	ug/l	89
40) Benzene	8.458	78	883320	18.013	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	198975	17.751	ug/l #	88
42) 1,2-Dichloroethane	8.531	62	360818	18.227	ug/l	96
43) Isopropyl Acetate	8.560	43	607841	17.202	ug/l #	93
44) Trichloroethene	9.215	130	211784	18.094	ug/l	93
45) 1,2-Dichloropropane	9.488	63	240041	18.228	ug/l	97
46) Dibromomethane	9.577	93	156640	18.137	ug/l	93
47) Bromodichloromethane	9.759	83	298221	18.238	ug/l	99
48) Methyl methacrylate	9.561	41	276897	16.791	ug/l	90
49) 1,4-Dioxane	9.569	88	84013	283.932	ug/l	87
51) 4-Methyl-2-Pentanone	10.330	43	1923165	83.895	ug/l	95
52) Toluene	10.505	92	531149	17.741	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	306537	17.507	ug/l	100
54) cis-1,3-Dichloropropene	10.188	75	333784	17.521	ug/l #	88
55) 1,1,2-Trichloroethane	10.896	97	215752	17.861	ug/l	96
56) Ethyl methacrylate	10.759	69	352500	17.040	ug/l #	88
57) 1,3-Dichloropropane	11.044	76	389836	18.328	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	433642	83.660	ug/l	91
59) 2-Hexanone	11.084	43	1371996	79.119	ug/l	93
60) Dibromochloromethane	11.237	129	206438	17.568	ug/l	99
61) 1,2-Dibromoethane	11.344	107	221287	17.686	ug/l	99
64) Tetrachloroethene	10.977	164	189262	18.196	ug/l	97
65) Chlorobenzene	11.771	112	563027	18.092	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	203204	18.552	ug/l	100
67) Ethyl Benzene	11.843	91	1036625	18.338	ug/l	95
68) m/p-Xylenes	11.953	106	754243	36.645	ug/l	92
69) o-Xylene	12.280	106	375042	18.090	ug/l	92
70) Styrene	12.294	104	594826	18.094	ug/l	95
71) Bromoform	12.457	173	138845	16.742	ug/l #	98
73) Isopropylbenzene	12.578	105	981784	17.411	ug/l	98
74) N-amyl acetate	12.387	43	401813	16.113	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	329274	16.887	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	280488m	15.432	ug/l	
77) Bromobenzene	12.859	156	227870	17.204	ug/l	80
78) n-propylbenzene	12.918	91	1094476	17.442	ug/l	96
79) 2-Chlorotoluene	13.007	91	684661	17.268	ug/l	94
80) 1,3,5-Trimethylbenzene	13.061	105	804693	17.730	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.623	75	74882	16.450	ug/l #	84
82) 4-Chlorotoluene	13.104	91	653933	17.538	ug/l	93
83) tert-Butylbenzene	13.323	119	686068	17.071	ug/l	93
84) 1,2,4-Trimethylbenzene	13.366	105	777199	17.981	ug/l	98
85) sec-Butylbenzene	13.500	105	949476	17.418	ug/l	97
86) p-Isopropyltoluene	13.616	119	749310	17.586	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	378766	17.407	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	374088	17.494	ug/l	97
89) n-Butylbenzene	13.943	91	581426	16.822	ug/l	98
90) Hexachloroethane	14.211	117	124096	16.588	ug/l	86
91) 1,2-Dichlorobenzene	13.989	146	370071	17.455	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	53140	15.082	ug/l	81
93) 1,2,4-Trichlorobenzene	15.262	180	150969	16.561	ug/l	98
94) Hexachlorobutadiene	15.370	225	100503	17.887	ug/l	99
95) Naphthalene	15.507	128	391088	15.606	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	151244	16.633	ug/l	99

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

