

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111121\
 Data File : VN069454.D
 Acq On : 11 Nov 2021 13:48
 Operator : JC/MD
 Sample : VN1111WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/12/2021
 Supervised By : Mahesh Dadoda 11/17/2021

Quant Time: Nov 12 05:16:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	949954	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1594380	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1476886	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	644238	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	745551	54.128	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 108.260%	
35) Dibromofluoromethane	8.021	113	510780	53.415	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 106.840%	
50) Toluene-d8	10.443	98	2009883	53.442	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 106.880%	
62) 4-Bromofluorobenzene	12.731	95	710848	51.451	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 102.900%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	216328	21.316	ug/l	100
3) Chloromethane	2.303	50	232930	19.790	ug/l	100
4) Vinyl Chloride	2.445	62	236970	20.108	ug/l	98
5) Bromomethane	2.856	94	155310	20.292	ug/l	99
6) Chloroethane	3.019	64	162171	20.387	ug/l	97
7) Trichlorofluoromethane	3.373	101	370648	20.350	ug/l	96
8) Diethyl Ether	3.824	74	124412	21.112	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.205	101	173457	20.217	ug/l	93
10) Methyl Iodide	4.419	142	208385	19.802	ug/l	98
11) Tert butyl alcohol	5.388	59	246629	99.368	ug/l #	89
12) 1,1-Dichloroethene	4.181	96	155905	20.249	ug/l	91
13) Acrolein	4.039	56	33433	90.916	ug/l	99
14) Allyl chloride	4.840	41	333970	19.619	ug/l	96
15) Acrylonitrile	5.559	53	687759	108.207	ug/l	99
16) Acetone	4.291	43	688730	92.676	ug/l	97
17) Carbon Disulfide	4.524	76	325234	17.870	ug/l	98
18) Methyl Acetate	4.862	43	501424	20.756	ug/l	93
19) Methyl tert-butyl Ether	5.618	73	703574	21.592	ug/l	99
20) Methylene Chloride	5.090	84	208302	19.766	ug/l	88
21) trans-1,2-Dichloroethene	5.597	96	173128	20.132	ug/l	90
22) Diisopropyl ether	6.501	45	782434	21.338	ug/l	95
23) Vinyl Acetate	6.436	43	3009501	106.115	ug/l	96
24) 1,1-Dichloroethane	6.388	63	388071	20.778	ug/l	99
25) 2-Butanone	7.340	43	1035651	102.917	ug/l	92
26) 2,2-Dichloropropane	7.324	77	279777	19.146	ug/l	97
27) cis-1,2-Dichloroethene	7.327	96	223634	20.978	ug/l	89
28) Bromochloromethane	7.662	49	208909	21.842	ug/l #	78
29) Tetrahydrofuran	7.689	42	678671	109.899	ug/l	90
30) Chloroform	7.820	83	402812	21.038	ug/l	100
31) Cyclohexane	8.096	56	368667	19.592	ug/l	92
32) 1,1,1-Trichloroethane	8.016	97	328747	20.569	ug/l	96
36) 1,1-Dichloropropene	8.225	75	278183	20.736	ug/l	97
37) Ethyl Acetate	7.415	43	416236	22.952	ug/l #	90
38) Carbon Tetrachloride	8.206	117	267117	20.623	ug/l	99
39) Methylcyclohexane	9.459	83	334648	20.052	ug/l	93
40) Benzene	8.461	78	871519	21.046	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	189009	20.170	ug/l	93
42) 1,2-Dichloroethane	8.531	62	353244	21.786	ug/l	97
43) Isopropyl Acetate	8.563	43	629341	21.605	ug/l	94
44) Trichloroethene	9.217	130	208275	21.016	ug/l	89
45) 1,2-Dichloropropane	9.491	63	236027	21.334	ug/l	100
46) Dibromomethane	9.577	93	157387	21.239	ug/l	90
47) Bromodichloromethane	9.765	83	292722	21.168	ug/l	97
48) Methyl methacrylate	9.561	41	286391	20.898	ug/l	88
49) 1,4-Dioxane	9.569	88	112666	437.690	ug/l	90
51) 4-Methyl-2-Pentanone	10.333	43	2112163	112.337	ug/l	95
52) Toluene	10.505	92	548226	21.251	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	293233	18.974	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	326687	19.335	ug/l	90
55) 1,1,2-Trichloroethane	10.899	97	226066	21.739	ug/l	97
56) Ethyl methacrylate	10.762	69	372292	20.270	ug/l	86
57) 1,3-Dichloropropane	11.047	76	393342	21.525	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	350418	85.976	ug/l	93
59) 2-Hexanone	11.087	43	1516583	100.438	ug/l	93
60) Dibromochloromethane	11.240	129	203490	19.384	ug/l	100
61) 1,2-Dibromoethane	11.347	107	225885	20.115	ug/l	100
64) Tetrachloroethene	10.979	164	184637	20.705	ug/l	95
65) Chlorobenzene	11.771	112	581426	21.151	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	205761	21.580	ug/l	98
67) Ethyl Benzene	11.846	91	1070442	21.113	ug/l	96
68) m/p-Xylenes	11.956	106	799436	42.872	ug/l	95
69) o-Xylene	12.283	106	396857	21.348	ug/l	93
70) Styrene	12.296	104	636723	20.017	ug/l	96
71) Bromoform	12.460	173	138256	18.982	ug/l #	99
73) Isopropylbenzene	12.581	105	1046111	20.394	ug/l	98
74) N-amyl acetate	12.390	43	461670	21.238	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	364250	21.055	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	320920m	21.585	ug/l	
77) Bromobenzene	12.862	156	239596	20.424	ug/l	81
78) n-propylbenzene	12.921	91	1178373	20.416	ug/l	96
79) 2-Chlorotoluene	13.010	91	725687	20.306	ug/l	95
80) 1,3,5-Trimethylbenzene	13.061	105	852961	20.569	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	75264	19.112	ug/l #	84
82) 4-Chlorotoluene	13.106	91	694894	20.398	ug/l	94
83) tert-Butylbenzene	13.324	119	750282	20.647	ug/l	94
84) 1,2,4-Trimethylbenzene	13.369	105	834545	20.847	ug/l	97
85) sec-Butylbenzene	13.503	105	1036124	20.411	ug/l	98
86) p-Isopropyltoluene	13.619	119	826887	20.520	ug/l	96
87) 1,3-Dichlorobenzene	13.619	146	423032	20.799	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	406717	20.384	ug/l	96
89) n-Butylbenzene	13.943	91	663601	19.747	ug/l	98
90) Hexachloroethane	14.211	117	124073	18.189	ug/l	84
91) 1,2-Dichlorobenzene	13.991	146	416129	21.501	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.605	75	61005	20.082	ug/l	81
93) 1,2,4-Trichlorobenzene	15.265	180	179403	19.703	ug/l	98
94) Hexachlorobutadiene	15.370	225	105501	20.980	ug/l	99
95) Naphthalene	15.507	128	498442	20.328	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	180673	20.620	ug/l	98

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

