

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120821\
 Data File : VN069881.D
 Acq On : 9 Dec 2021 00:32
 Operator : JC/MD
 Sample : VN1208WBSD02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/10/2021
 Supervised By : Mahesh Dadoda 12/15/2021

Quant Time: Dec 09 11:52:15 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	1103962	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1827238	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1670883	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	646027	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	898395	52.707	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.420%			
35) Dibromofluoromethane	8.021	113	607642	53.090	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.180%			
50) Toluene-d8	10.440	98	2399945	52.221	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.440%			
62) 4-Bromofluorobenzene	12.731	95	814538	48.923	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 97.840%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.075	85	240534	18.681	ug/l	100
3) Chloromethane	2.306	50	285942	17.726	ug/l	97
4) Vinyl Chloride	2.448	62	272352	18.362	ug/l	97
5) Bromomethane	2.861	94	152062	18.870	ug/l	98
6) Chloroethane	3.022	64	163845	18.026	ug/l	97
7) Trichlorofluoromethane	3.381	101	351114	18.036	ug/l	96
8) Diethyl Ether	3.824	74	137331	18.316	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.210	101	204033	18.697	ug/l	96
10) Methyl Iodide	4.422	142	265742	17.826	ug/l	99
11) Tert butyl alcohol	5.374	59	226401	70.268	ug/l #	81
12) 1,1-Dichloroethene	4.186	96	190205	18.088	ug/l	90
13) Acrolein	4.041	56	286007	104.238	ug/l	100
14) Allyl chloride	4.840	41	422509	17.831	ug/l	93
15) Acrylonitrile	5.556	53	732893	84.415	ug/l	98
16) Acetone	4.288	43	701405	68.407	ug/l	97
17) Carbon Disulfide	4.532	76	465733	17.143	ug/l	99
18) Methyl Acetate	4.859	43	546125	17.646	ug/l #	90
19) Methyl tert-butyl Ether	5.618	73	752156	18.396	ug/l	94
20) Methylene Chloride	5.101	84	245023	17.976	ug/l	86
21) trans-1,2-Dichloroethene	5.599	96	207082	18.131	ug/l	87
22) Diisopropyl ether	6.498	45	899666	19.425	ug/l #	95
23) Vinyl Acetate	6.433	43	3600635	95.559	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	461077	19.218	ug/l	98
25) 2-Butanone	7.337	43	1074572	77.133	ug/l	90
26) 2,2-Dichloropropane	7.327	77	312041	16.728	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	249645	18.091	ug/l	85
28) Bromochloromethane	7.656	49	254478	20.398	ug/l #	77
29) Tetrahydrofuran	7.689	42	720034	85.115	ug/l #	86
30) Chloroform	7.817	83	455480	18.798	ug/l	99
31) Cyclohexane	8.094	56	443733	18.706	ug/l	87
32) 1,1,1-Trichloroethane	8.016	97	383202	18.567	ug/l	96
36) 1,1-Dichloropropene	8.222	75	323821	18.616	ug/l	96
37) Ethyl Acetate	7.415	43	445951	17.225	ug/l	95
38) Carbon Tetrachloride	8.206	117	318571	18.676	ug/l	99
39) Methylcyclohexane	9.461	83	375721	18.159	ug/l	90
40) Benzene	8.461	78	994833	18.711	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	213947	17.604	ug/l	90
42) 1,2-Dichloroethane	8.528	62	405978	18.915	ug/l	96
43) Isopropyl Acetate	8.560	43	712089	18.586	ug/l #	92
44) Trichloroethene	9.217	130	235897	18.589	ug/l	90
45) 1,2-Dichloropropane	9.488	63	273409	19.149	ug/l	99
46) Dibromomethane	9.577	93	176470	18.846	ug/l	93
47) Bromodichloromethane	9.759	83	338428	19.089	ug/l	98
48) Methyl methacrylate	9.558	41	318158	17.794	ug/l	89
49) 1,4-Dioxane	9.569	88	86526	269.706	ug/l #	84
51) 4-Methyl-2-Pentanone	10.330	43	2234066	89.886	ug/l	94
52) Toluene	10.505	92	607408	18.712	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	340845	17.883	ug/l	100
54) cis-1,3-Dichloropropene	10.188	75	382825	18.419	ug/l #	89
55) 1,1,2-Trichloroethane	10.896	97	243841	18.618	ug/l	98
56) Ethyl methacrylate	10.762	69	396726	17.601	ug/l #	85
57) 1,3-Dichloropropane	11.044	76	435382	18.879	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	421820	76.948	ug/l	90
59) 2-Hexanone	11.084	43	1529391	81.343	ug/l	92
60) Dibromochloromethane	11.237	129	230710	18.035	ug/l	100
61) 1,2-Dibromoethane	11.344	107	249276	18.376	ug/l	100
64) Tetrachloroethene	10.977	164	214954	18.973	ug/l	96
65) Chlorobenzene	11.771	112	633917	18.701	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	227730	19.088	ug/l	99
67) Ethyl Benzene	11.843	91	1174328	19.072	ug/l	96
68) m/p-Xylenes	11.953	106	842791	37.592	ug/l	92
69) o-Xylene	12.280	106	423352	18.747	ug/l	92
70) Styrene	12.294	104	666391	18.610	ug/l	95
71) Bromoform	12.457	173	159676	17.524	ug/l #	99
73) Isopropylbenzene	12.578	105	1104409	19.214	ug/l	99
74) N-amyl acetate	12.387	43	443635	17.453	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.825	83	373551	18.794	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	364619m	19.681	ug/l	
77) Bromobenzene	12.859	156	255617	18.933	ug/l	79
78) n-propylbenzene	12.921	91	1223638	19.131	ug/l	96
79) 2-Chlorotoluene	13.007	91	771649	19.093	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	899749	19.448	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.626	75	80347	17.102	ug/l	85
82) 4-Chlorotoluene	13.106	91	719813	18.939	ug/l	93
83) tert-Butylbenzene	13.323	119	771868	18.842	ug/l	92
84) 1,2,4-Trimethylbenzene	13.366	105	865810	19.651	ug/l	98
85) sec-Butylbenzene	13.500	105	1030082	18.538	ug/l	97
86) p-Isopropyltoluene	13.616	119	813023	18.719	ug/l	95
87) 1,3-Dichlorobenzene	13.616	146	408361	18.411	ug/l	95
88) 1,4-Dichlorobenzene	13.694	146	390573	17.919	ug/l	96
89) n-Butylbenzene	13.943	91	609631	17.303	ug/l	97
90) Hexachloroethane	14.209	117	143328	18.796	ug/l	86
91) 1,2-Dichlorobenzene	13.989	146	403343	18.664	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	61440	17.107	ug/l	77
93) 1,2,4-Trichlorobenzene	15.263	180	162384	17.316	ug/l	98
94) Hexachlorobutadiene	15.370	225	106274	18.556	ug/l	99
95) Naphthalene	15.507	128	416505	16.126	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	159902	17.161	ug/l	97

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

