

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123021\
 Data File : VN070393.D
 Acq On : 30 Dec 2021 12:34
 Operator : JC/MD
 Sample : VN1230WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1230WBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/11/2022
 Supervised By :Semsettin Yesilyurt 01/11/2022

Quant Time: Dec 30 17:34:37 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	883562	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1429963	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1319443	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	549985	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	626740	49.334	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.660%		
35) Dibromofluoromethane	8.021	113	450740	52.097	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	104.200%		
50) Toluene-d8	10.440	98	1753901	49.623	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.240%		
62) 4-Bromofluorobenzene	12.731	95	621256	48.666	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.340%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	166688	16.635	ug/l	99
3) Chloromethane	2.303	50	224002	16.434	ug/l	98
4) Vinyl Chloride	2.445	62	197099	15.882	ug/l	100
5) Bromomethane	2.856	94	112233	17.522	ug/l	98
6) Chloroethane	3.019	64	117251	15.689	ug/l	98
7) Trichlorofluoromethane	3.376	101	234502	15.700	ug/l	97
8) Diethyl Ether	3.821	74	110049	16.713	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.207	101	153376	16.788	ug/l	96
10) Methyl Iodide	4.417	142	200812	16.242	ug/l	99
11) Tert butyl alcohol	5.379	59	201105	95.073	ug/l	97
12) 1,1-Dichloroethene	4.178	96	143124	15.905	ug/l	87
13) Acrolein	4.038	56	131684	76.725	ug/l	98
14) Allyl chloride	4.840	41	354598	17.380	ug/l #	85
15) Acrylonitrile	5.556	53	626361	94.892	ug/l	99
16) Acetone	4.291	43	710755	86.185	ug/l	99
17) Carbon Disulfide	4.527	76	428841	17.459	ug/l	98
18) Methyl Acetate	4.859	43	437946	18.358	ug/l	91
19) Methyl tert-butyl Ether	5.618	73	566497	16.952	ug/l	95
20) Methylene Chloride	5.092	84	191723	16.803	ug/l #	85
21) trans-1,2-Dichloroethene	5.597	96	158257	16.610	ug/l	88
22) Diisopropyl ether	6.498	45	700174	17.620	ug/l #	93
23) Vinyl Acetate	6.436	43	2781592	90.219	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	349897	16.981	ug/l	98
25) 2-Butanone	7.337	43	941313	90.652	ug/l	91
26) 2,2-Dichloropropane	7.327	77	256334	15.770	ug/l	98
27) cis-1,2-Dichloroethene	7.324	96	190923	16.794	ug/l	86
28) Bromochloromethane	7.656	49	166257	16.499	ug/l #	76
29) Tetrahydrofuran	7.689	42	606422	97.884	ug/l #	86
30) Chloroform	7.820	83	337140	16.960	ug/l	99
31) Cyclohexane	8.094	56	336573	16.789	ug/l	86
32) 1,1,1-Trichloroethane	8.013	97	278134	16.595	ug/l	96
36) 1,1-Dichloropropene	8.220	75	238640	16.673	ug/l	96
37) Ethyl Acetate	7.415	43	363170	19.576	ug/l	95
38) Carbon Tetrachloride	8.206	117	240650	17.608	ug/l	98
39) Methylcyclohexane	9.461	83	284255	16.405	ug/l	88
40) Benzene	8.458	78	756770	17.247	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	177185	19.094	ug/l #	87
42) 1,2-Dichloroethane	8.531	62	286026	17.342	ug/l	98
43) Isopropyl Acetate	8.560	43	534399	18.270	ug/l #	94
44) Trichloroethene	9.217	130	169523	16.259	ug/l	90
45) 1,2-Dichloropropane	9.491	63	210905	17.852	ug/l	98
46) Dibromomethane	9.577	93	132696	18.063	ug/l	94
47) Bromodichloromethane	9.762	83	270887	18.570	ug/l	100
48) Methyl methacrylate	9.561	41	243037	17.420	ug/l #	83
49) 1,4-Dioxane	9.571	88	83925	410.932	ug/l #	83
51) 4-Methyl-2-Pentanone	10.330	43	1766516	96.113	ug/l	96
52) Toluene	10.505	92	462373	17.409	ug/l	97
53) t-1,3-Dichloropropene	10.719	75	279079	17.672	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	307937	18.026	ug/l	95
55) 1,1,2-Trichloroethane	10.899	97	190071	18.087	ug/l	97
56) Ethyl methacrylate	10.762	69	301304	17.352	ug/l #	89
57) 1,3-Dichloropropane	11.044	76	329844	17.746	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	401839	102.405	ug/l	90
59) 2-Hexanone	11.087	43	1295975	96.692	ug/l	94
60) Dibromochloromethane	11.240	129	198617	19.371	ug/l	100
61) 1,2-Dibromoethane	11.347	107	188412	17.658	ug/l	99
64) Tetrachloroethene	10.977	164	155228	16.246	ug/l	91
65) Chlorobenzene	11.771	112	469036	16.754	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	179732	17.983	ug/l	99
67) Ethyl Benzene	11.846	91	863481	16.834	ug/l	97
68) m/p-Xylenes	11.953	106	641927	34.380	ug/l	95
69) o-Xylene	12.280	106	312858	16.846	ug/l	92
70) Styrene	12.294	104	512182	17.425	ug/l	96
71) Bromoform	12.457	173	157411	21.222	ug/l #	99
73) Isopropylbenzene	12.578	105	810886	15.877	ug/l	98
74) N-amyl acetate	12.387	43	362634	16.886	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	302303	17.137	ug/l	97
76) 1,2,3-Trichloropropane	12.881	75	274573m	18.675	ug/l	
77) Bromobenzene	12.859	156	191983	16.373	ug/l	76
78) n-propylbenzene	12.921	91	920652	16.269	ug/l	96
79) 2-Chlorotoluene	13.007	91	579594	15.963	ug/l	93
80) 1,3,5-Trimethylbenzene	13.061	105	663485	16.211	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	85372	18.965	ug/l	99
82) 4-Chlorotoluene	13.106	91	557911	16.404	ug/l	92
83) tert-Butylbenzene	13.323	119	570197	15.822	ug/l	94
84) 1,2,4-Trimethylbenzene	13.369	105	646864	16.413	ug/l	98
85) sec-Butylbenzene	13.500	105	785605	16.056	ug/l	98
86) p-Isopropyltoluene	13.616	119	623682	16.227	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	326062	16.611	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	310845	16.054	ug/l	95
89) n-Butylbenzene	13.943	91	486460	15.174	ug/l	97
90) Hexachloroethane	14.211	117	125759	18.834	ug/l	91
91) 1,2-Dichlorobenzene	13.989	146	318476	16.550	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	57086	19.294	ug/l	78
93) 1,2,4-Trichlorobenzene	15.265	180	143245	15.798	ug/l	98
94) Hexachlorobutadiene	15.370	225	90628	17.198	ug/l	99
95) Naphthalene	15.507	128	382056	16.495	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	145245	17.296	ug/l	97

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

