

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020223\
 Data File : VN076507.D
 Acq On : 02 Feb 2023 13:51
 Operator : JC\MD
 Sample : VN0202WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0202WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/03/2023
 Supervised By : Mahesh Dadoda 02/03/2023

Quant Time: Feb 03 00:58:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	472123	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	786696	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	705771	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	320224	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	305420	57.776	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.560%			
35) Dibromofluoromethane	8.177	113	262148	53.270	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.540%			
50) Toluene-d8	10.571	98	916058	50.404	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.800%			
62) 4-Bromofluorobenzene	12.853	95	330822	55.759	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.520%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	78840	16.296	ug/l	99
3) Chloromethane	2.377	50	99311	19.826	ug/l	96
4) Vinyl Chloride	2.530	62	86638	14.105	ug/l	98
5) Bromomethane	2.971	94	70932	14.102	ug/l	96
6) Chloroethane	3.136	64	60970	13.238	ug/l	97
7) Trichlorofluoromethane	3.518	101	150116	17.765	ug/l	93
8) Diethyl Ether	3.977	74	58877	20.773	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.389	101	85526	17.879	ug/l	99
10) Methyl Iodide	4.600	142	126471	17.308	ug/l	96
11) Tert butyl alcohol	5.536	59	67379	95.293	ug/l	99
12) 1,1-Dichloroethene	4.359	96	76835	16.991	ug/l	95
13) Acrolein	4.200	56	79677	94.226	ug/l	99
14) Allyl chloride	5.041	41	111574	21.172	ug/l	88
15) Acrylonitrile	5.736	53	201534	100.160	ug/l	98
16) Acetone	4.442	43	170486	100.560	ug/l	97
17) Carbon Disulfide	4.730	76	159493	14.165	ug/l	97
18) Methyl Acetate	5.041	43	116754	20.330	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	312109	21.201	ug/l	99
20) Methylene Chloride	5.294	84	101350	19.848	ug/l	95
21) trans-1,2-Dichloroethene	5.800	96	86248	17.605	ug/l	94
22) Diisopropyl ether	6.683	45	270424	21.760	ug/l	98
23) Vinyl Acetate	6.618	43	836788	104.184	ug/l	98
24) 1,1-Dichloroethane	6.588	63	165681	20.000	ug/l	97
25) 2-Butanone	7.494	43	252958	97.735	ug/l	95
26) 2,2-Dichloropropane	7.500	77	137194	19.650	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	109688	19.197	ug/l	97
28) Bromochloromethane	7.818	49	73004	21.743	ug/l	98
29) Tetrahydrofuran	7.847	42	164646	103.072	ug/l	97
30) Chloroform	7.971	83	188200	20.532	ug/l	96
31) Cyclohexane	8.265	56	131032	16.136	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	163683	19.559	ug/l	90
36) 1,1-Dichloropropene	8.377	75	118603	16.961	ug/l	100
37) Ethyl Acetate	7.565	43	103657	18.504	ug/l	98
38) Carbon Tetrachloride	8.371	117	139447	17.882	ug/l	94
39) Methylcyclohexane	9.606	83	144400	16.910	ug/l	94
40) Benzene	8.612	78	384549	18.391	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	58977	20.082	ug/l	98
42) 1,2-Dichloroethane	8.677	62	144898	20.254	ug/l	98
43) Isopropyl Acetate	8.694	43	180002	19.727	ug/l	98
44) Trichloroethene	9.359	130	103990	17.584	ug/l	97
45) 1,2-Dichloropropane	9.624	63	97586	19.493	ug/l	99
46) Dibromomethane	9.712	93	72387	19.151	ug/l	98
47) Bromodichloromethane	9.888	83	148274	20.226	ug/l	98
48) Methyl methacrylate	9.682	41	84878	19.649	ug/l	97
49) 1,4-Dioxane	9.700	88	35326	387.568	ug/l	93
51) 4-Methyl-2-Pentanone	10.447	43	540672	100.939	ug/l	100
52) Toluene	10.635	92	254033	18.167	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	145198	20.777	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	157893	19.639	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	107772	20.164	ug/l	97
56) Ethyl methacrylate	10.876	69	147725	21.409	ug/l	95
57) 1,3-Dichloropropane	11.165	76	172671	19.880	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	200380	86.020	ug/l	99
59) 2-Hexanone	11.200	43	379956	97.887	ug/l	99
60) Dibromochloromethane	11.359	129	117246	20.839	ug/l	99
61) 1,2-Dibromoethane	11.470	107	105506	19.776	ug/l	98
64) Tetrachloroethene	11.106	164	107168	16.838	ug/l	96
65) Chlorobenzene	11.894	112	269840	18.087	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	108693	19.581	ug/l	100
67) Ethyl Benzene	11.965	91	480757	18.828	ug/l	99
68) m/p-Xylenes	12.070	106	373603	36.489	ug/l	97
69) o-Xylene	12.400	106	187517	18.650	ug/l	95
70) Styrene	12.412	104	306458	19.089	ug/l	98
71) Bromoform	12.582	173	78263	19.523	ug/l #	99
73) Isopropylbenzene	12.700	105	480453	19.394	ug/l	100
74) N-amyl acetate	12.494	43	147049	20.636	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	143725	20.182	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	131227m	21.963	ug/l	
77) Bromobenzene	12.982	156	114217	19.377	ug/l	93
78) n-propylbenzene	13.041	91	546628	19.556	ug/l	99
79) 2-Chlorotoluene	13.129	91	338551	19.738	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	415876	20.039	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	37507	19.488	ug/l	96
82) 4-Chlorotoluene	13.129	91	338551	19.738	ug/l	98
83) tert-Butylbenzene	13.441	119	372470	20.179	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	412161	19.806	ug/l	98
85) sec-Butylbenzene	13.617	105	496466	19.384	ug/l	99
86) p-Isopropyltoluene	13.729	119	419694	19.927	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	210756	18.050	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	206664	18.670	ug/l	97
89) n-Butylbenzene	14.059	91	321996	19.259	ug/l	99
90) Hexachloroethane	14.335	117	68833	18.936	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	212580	18.280	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	27312	22.063	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	105171	19.533	ug/l	99
94) Hexachlorobutadiene	15.506	225	60490	19.601	ug/l	97
95) Naphthalene	15.641	128	331140	21.009	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	104574	20.227	ug/l	98

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

