

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011122\
 Data File : VN070563.D
 Acq On : 11 Jan 2022 12:13
 Operator : JC/MD
 Sample : VN0111WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0111WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/12/2022
 Supervised By : Mahesh Dadoda 01/12/2022

Quant Time: Jan 12 05:58:32 2022
 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	8.083	168	880811	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1419995	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1291632	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	549201	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	601797	47.519	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.040%		
35) Dibromofluoromethane	8.019	113	451035	52.497	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	105.000%		
50) Toluene-d8	10.438	98	1814684	51.704	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	103.400%		
62) 4-Bromofluorobenzene	12.728	95	647156	51.051	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	102.100%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	163769	16.395	ug/l	98
3) Chloromethane	2.303	50	231890	17.066	ug/l	99
4) Vinyl Chloride	2.451	62	213699	17.274	ug/l	98
5) Bromomethane	2.869	94	129814	20.330	ug/l	100
6) Chloroethane	3.028	64	136504	18.322	ug/l	99
7) Trichlorofluoromethane	3.384	101	270654	18.176	ug/l	98
8) Diethyl Ether	3.824	74	126639	19.293	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.213	101	173699	19.072	ug/l	96
10) Methyl Iodide	4.425	142	231360	18.771	ug/l	97
11) Tert butyl alcohol	5.364	59	173781	82.412	ug/l	97
12) 1,1-Dichloroethene	4.184	96	163093	18.181	ug/l	95
13) Acrolein	4.041	56	117064	68.420	ug/l	100
14) Allyl chloride	4.841	41	383664	18.864	ug/l #	83
15) Acrylonitrile	5.551	53	622741	94.638	ug/l	99
16) Acetone	4.285	43	673718	81.949	ug/l	97
17) Carbon Disulfide	4.535	76	403316	16.471	ug/l	99
18) Methyl Acetate	4.854	43	439851	18.496	ug/l	93
19) Methyl tert-butyl Ether	5.613	73	655500	19.676	ug/l	94
20) Methylene Chloride	5.098	84	208644	18.343	ug/l	87
21) trans-1,2-Dichloroethene	5.597	96	175776	18.506	ug/l	89
22) Diisopropyl ether	6.493	45	816744	20.617	ug/l	91
23) Vinyl Acetate	6.431	43	3031813	98.641	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	392607	19.114	ug/l	98
25) 2-Butanone	7.332	43	930495	89.890	ug/l	92
26) 2,2-Dichloropropane	7.324	77	294861	18.197	ug/l	98
27) cis-1,2-Dichloroethene	7.324	96	219207	19.342	ug/l	87
28) Bromochloromethane	7.654	49	224334	22.332	ug/l #	76
29) Tetrahydrofuran	7.681	42	578173	93.616	ug/l	87
30) Chloroform	7.818	83	374519	18.900	ug/l	98
31) Cyclohexane	8.094	56	377758	18.902	ug/l	89
32) 1,1,1-Trichloroethane	8.011	97	294910	17.650	ug/l	96
36) 1,1-Dichloropropene	8.220	75	269967	18.994	ug/l	96
37) Ethyl Acetate	7.410	43	347763	18.877	ug/l	97
38) Carbon Tetrachloride	8.204	117	239681	17.660	ug/l	98
39) Methylcyclohexane	9.456	83	325371	18.909	ug/l	88
40) Benzene	8.459	78	869434	19.953	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	179889	19.522	ug/l #	89
42) 1,2-Dichloroethane	8.526	62	301450	18.406	ug/l	100
43) Isopropyl Acetate	8.558	43	559489	19.262	ug/l	96
44) Trichloroethene	9.215	130	198402	19.163	ug/l	94
45) 1,2-Dichloropropane	9.488	63	239940	20.452	ug/l	100
46) Dibromomethane	9.574	93	139124	19.071	ug/l	95
47) Bromodichloromethane	9.757	83	277365	19.148	ug/l	99
48) Methyl methacrylate	9.555	41	247264	17.847	ug/l #	84
49) 1,4-Dioxane	9.564	88	71076	350.461	ug/l #	85
51) 4-Methyl-2-Pentanone	10.328	43	1763145	96.603	ug/l	97
52) Toluene	10.502	92	523200	19.837	ug/l	99
53) t-1,3-Dichloropropene	10.714	75	301244	19.210	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	339770	20.029	ug/l	99
55) 1,1,2-Trichloroethane	10.894	97	209670	20.092	ug/l	98
56) Ethyl methacrylate	10.757	69	336004	19.487	ug/l	88
57) 1,3-Dichloropropane	11.041	76	371724	20.139	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.038	63	359426	94.077	ug/l	90
59) 2-Hexanone	11.082	43	1281061	96.250	ug/l	95
60) Dibromochloromethane	11.234	129	197347	19.382	ug/l	98
61) 1,2-Dibromoethane	11.342	107	204188	19.270	ug/l	99
64) Tetrachloroethene	10.974	164	176940	18.918	ug/l	95
65) Chlorobenzene	11.765	112	544604	19.872	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.838	131	187085	19.122	ug/l	98
67) Ethyl Benzene	11.841	91	994204	19.800	ug/l	96
68) m/p-Xylenes	11.950	106	736913	40.317	ug/l	93
69) o-Xylene	12.278	106	364307	20.038	ug/l	93
70) Styrene	12.291	104	590846	20.534	ug/l	97
71) Bromoform	12.455	173	138067	19.015	ug/l #	100
73) Isopropylbenzene	12.575	105	951779	18.662	ug/l	98
74) N-amyl acetate	12.385	43	379225	17.684	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.825	83	321338	18.254	ug/l	98
76) 1,2,3-Trichloropropane	12.876	75	293172m	19.779	ug/l	
77) Bromobenzene	12.857	156	220059	18.794	ug/l	79
78) n-propylbenzene	12.916	91	1075891	19.039	ug/l	96
79) 2-Chlorotoluene	13.005	91	676139	18.648	ug/l	93
80) 1,3,5-Trimethylbenzene	13.055	105	779422	19.071	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.621	75	78970	17.568	ug/l	98
82) 4-Chlorotoluene	13.101	91	650579	19.156	ug/l	92
83) tert-Butylbenzene	13.321	119	684442	19.019	ug/l	96
84) 1,2,4-Trimethylbenzene	13.367	105	763860	19.409	ug/l	98
85) sec-Butylbenzene	13.498	105	932602	19.088	ug/l	97
86) p-Isopropyltoluene	13.613	119	754152	19.649	ug/l	97
87) 1,3-Dichlorobenzene	13.613	146	376929	19.230	ug/l	96
88) 1,4-Dichlorobenzene	13.691	146	366964	18.979	ug/l	96
89) n-Butylbenzene	13.941	91	601190	18.779	ug/l	97
90) Hexachloroethane	14.206	117	117145	17.569	ug/l	91
91) 1,2-Dichlorobenzene	13.986	146	372722	19.397	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.600	75	47530	16.087	ug/l	84
93) 1,2,4-Trichlorobenzene	15.260	180	169340	18.703	ug/l	99
94) Hexachlorobutadiene	15.367	225	112451	21.370	ug/l	99
95) Naphthalene	15.504	128	393722	16.966	ug/l	99
96) 1,2,3-Trichlorobenzene	15.697	180	160241	19.023	ug/l	98

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

