

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012224\
 Data File : VN080737.D
 Acq On : 22 Jan 2024 14:47
 Operator : JC\MD
 Sample : VN0122WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0122WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/23/2024
 Supervised By : Mahesh Dadoda 01/23/2024

Quant Time: Jan 23 03:54:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 06:34:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	175853	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	345659	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	290926	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	110460	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	133598	43.261	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.520%		
35) Dibromofluoromethane	8.165	113	100297	51.069	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.140%		
50) Toluene-d8	10.565	98	403530	53.885	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	107.780%		
62) 4-Bromofluorobenzene	12.847	95	136790	47.633	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.260%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	40526	14.185	ug/l	97
3) Chloromethane	2.360	50	55171	16.932	ug/l	100
4) Vinyl Chloride	2.512	62	46260	17.847	ug/l	90
5) Bromomethane	2.965	94	16965	17.220	ug/l	92
6) Chloroethane	3.124	64	23603	16.760	ug/l	98
7) Trichlorofluoromethane	3.501	101	58576	13.684	ug/l	93
8) Diethyl Ether	3.954	74	27635	14.772	ug/l #	49
9) 1,1,2-Trichlorotrifluo...	4.377	101	36716	15.737	ug/l	90
10) Methyl Iodide	4.583	142	27580	14.137	ug/l	99
11) Tert butyl alcohol	5.506	59	29925	57.298	ug/l	98
12) 1,1-Dichloroethene	4.342	96	37391	14.242	ug/l	82
13) Acrolein	4.177	56	34324	78.657	ug/l	94
14) Allyl chloride	5.024	41	73978	14.214	ug/l #	90
15) Acrylonitrile	5.718	53	98924	72.535	ug/l	99
16) Acetone	4.418	43	63188	62.324	ug/l	92
17) Carbon Disulfide	4.712	76	109657	13.655	ug/l	97
18) Methyl Acetate	5.024	43	44816	14.844	ug/l #	83
19) Methyl tert-butyl Ether	5.795	73	129447	14.308	ug/l	97
20) Methylene Chloride	5.277	84	42828	14.470	ug/l #	63
21) trans-1,2-Dichloroethene	5.783	96	39510	14.836	ug/l #	78
22) Diisopropyl ether	6.665	45	162770	16.585	ug/l #	88
23) Vinyl Acetate	6.600	43	622616	77.945	ug/l #	83
24) 1,1-Dichloroethane	6.565	63	81518	15.174	ug/l	95
25) 2-Butanone	7.477	43	128284	69.999	ug/l #	78
26) 2,2-Dichloropropane	7.483	77	70562	15.018	ug/l	95
27) cis-1,2-Dichloroethene	7.483	96	48031	16.361	ug/l	78
28) Bromochloromethane	7.812	49	57939	23.069	ug/l #	61
29) Tetrahydrofuran	7.836	42	85211	68.983	ug/l #	72
30) Chloroform	7.965	83	77668	15.421	ug/l	90
31) Cyclohexane	8.259	56	74764	15.670	ug/l #	82
32) 1,1,1-Trichloroethane	8.165	97	65865	14.692	ug/l	93
36) 1,1-Dichloropropene	8.371	75	60713	15.091	ug/l	95
37) Ethyl Acetate	7.559	43	52020	13.335	ug/l #	90
38) Carbon Tetrachloride	8.359	117	52589	14.559	ug/l	94
39) Methylcyclohexane	9.600	83	61548	15.987	ug/l #	81
40) Benzene	8.606	78	185608	16.412	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	33725	14.904	ug/l #	81
42) 1,2-Dichloroethane	8.671	62	62482	14.431	ug/l	97
43) Isopropyl Acetate	8.688	43	101825	14.200	ug/l #	90
44) Trichloroethene	9.353	130	39064	15.258	ug/l	87
45) 1,2-Dichloropropane	9.624	63	51773	17.267	ug/l	99
46) Dibromomethane	9.706	93	26828	14.142	ug/l	93
47) Bromodichloromethane	9.888	83	60136	14.282	ug/l	97
48) Methyl methacrylate	9.683	41	50343	14.828	ug/l #	73
49) 1,4-Dioxane	9.700	88	10942	258.664	ug/l #	68
51) 4-Methyl-2-Pentanone	10.441	43	280696	72.559	ug/l	87
52) Toluene	10.630	92	106209	16.391	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	70707	15.130	ug/l	91
54) cis-1,3-Dichloropropene	10.312	75	78401	15.819	ug/l #	79
55) 1,1,2-Trichloroethane	11.018	97	40363	16.184	ug/l #	85
56) Ethyl methacrylate	10.871	69	67744	15.165	ug/l #	74
57) 1,3-Dichloropropane	11.159	76	74424	16.345	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	195164	91.213	ug/l #	84
59) 2-Hexanone	11.194	43	202790	71.009	ug/l	87
60) Dibromochloromethane	11.359	129	37343	14.569	ug/l	99
61) 1,2-Dibromoethane	11.471	107	36769	14.997	ug/l	99
64) Tetrachloroethene	11.106	164	31897	15.965	ug/l	96
65) Chlorobenzene	11.894	112	102048	16.055	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.959	131	35418	15.694	ug/l	97
67) Ethyl Benzene	11.965	91	198007	16.314	ug/l	95
68) m/p-Xylenes	12.071	106	138403	32.436	ug/l	90
69) o-Xylene	12.400	106	67579	16.198	ug/l	88
70) Styrene	12.412	104	113019	15.953	ug/l	96
71) Bromoform	12.576	173	22198	14.298	ug/l #	98
73) Isopropylbenzene	12.694	105	171754	16.351	ug/l	99
74) N-amyl acetate	12.494	43	91543	14.522	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.941	83	52532	15.246	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	52569m	15.434	ug/l	
77) Bromobenzene	12.982	156	34106	15.287	ug/l	72
78) n-propylbenzene	13.035	91	205967	15.985	ug/l	95
79) 2-Chlorotoluene	13.124	91	122908	14.884	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	135681	15.499	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	21378	14.796	ug/l	93
82) 4-Chlorotoluene	13.224	91	121149	14.965	ug/l	95
83) tert-Butylbenzene	13.441	119	107405	15.348	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	132067	15.343	ug/l	100
85) sec-Butylbenzene	13.618	105	162298	16.322	ug/l	96
86) p-Isopropyltoluene	13.729	119	125786	16.017	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	61491	15.431	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	61084	15.047	ug/l	93
89) n-Butylbenzene	14.059	91	124608	16.462	ug/l	98
90) Hexachloroethane	14.329	117	22136	15.200	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	61720	16.437	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.718	75	8730	10.777	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	28724	14.688	ug/l	94
94) Hexachlorobutadiene	15.500	225	14765	15.732	ug/l	88
95) Naphthalene	15.641	128	103603	13.461	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	27387	14.468	ug/l	95

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

