

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101123\
 Data File : VN079513.D
 Acq On : 11 Oct 2023 13:36
 Operator : JC\MD
 Sample : VN1011WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1011WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/12/2023
 Supervised By : Mahesh Dadoda 10/12/2023

Quant Time: Oct 12 06:07:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	262633	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	466678	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	418055	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	162811	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	202326	47.512	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.020%		
35) Dibromofluoromethane	8.171	113	166426	49.624	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.240%		
50) Toluene-d8	10.571	98	614015	50.600	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.200%		
62) 4-Bromofluorobenzene	12.853	95	190279	48.861	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.720%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	66593	17.695	ug/l	98
3) Chloromethane	2.365	50	77657	16.538	ug/l	98
4) Vinyl Chloride	2.518	62	87681	17.951	ug/l	93
5) Bromomethane	2.953	94	49167	16.815	ug/l	98
6) Chloroethane	3.118	64	61160	16.609	ug/l	97
7) Trichlorofluoromethane	3.495	101	106208	18.417	ug/l	95
8) Diethyl Ether	3.959	74	38537	18.744	ug/l	61
9) 1,1,2-Trichlorotrifluo...	4.377	101	60929	18.079	ug/l	98
10) Methyl Iodide	4.595	142	56376	19.278	ug/l #	87
11) Tert butyl alcohol	5.524	59	53344	83.230	ug/l	97
12) 1,1-Dichloroethene	4.347	96	56198	18.111	ug/l	84
13) Acrolein	4.183	56	53692	84.133	ug/l	98
14) Allyl chloride	5.030	41	86444	17.263	ug/l	91
15) Acrylonitrile	5.718	53	163056	87.752	ug/l	98
16) Acetone	4.436	43	150365	89.025	ug/l	97
17) Carbon Disulfide	4.718	76	160787	16.612	ug/l	100
18) Methyl Acetate	5.036	43	136670	16.532	ug/l #	84
19) Methyl tert-butyl Ether	5.800	73	193655	19.207	ug/l	94
20) Methylene Chloride	5.283	84	70035	18.557	ug/l #	83
21) trans-1,2-Dichloroethene	5.794	96	63920	17.637	ug/l	88
22) Diisopropyl ether	6.677	45	215212	19.166	ug/l #	90
23) Vinyl Acetate	6.612	43	580189	91.858	ug/l #	88
24) 1,1-Dichloroethane	6.571	63	124544	18.123	ug/l	95
25) 2-Butanone	7.488	43	218637	87.215	ug/l #	82
26) 2,2-Dichloropropane	7.500	77	102493	19.516	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	73687	18.715	ug/l	88
28) Bromochloromethane	7.824	49	60581	18.528	ug/l #	78
29) Tetrahydrofuran	7.841	42	139899	86.288	ug/l #	77
30) Chloroform	7.971	83	129527	18.655	ug/l	94
31) Cyclohexane	8.259	56	105008	17.384	ug/l	90
32) 1,1,1-Trichloroethane	8.171	97	106690	18.259	ug/l	96
36) 1,1-Dichloropropene	8.377	75	93022	18.481	ug/l	95
37) Ethyl Acetate	7.565	43	88499	17.670	ug/l #	92
38) Carbon Tetrachloride	8.365	117	91448	18.148	ug/l	99
39) Methylcyclohexane	9.606	83	88658	18.333	ug/l #	87
40) Benzene	8.612	78	283619	18.973	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	47872	18.181	ug/l #	86
42) 1,2-Dichloroethane	8.677	62	100425	18.489	ug/l	99
43) Isopropyl Acetate	8.694	43	161995	18.462	ug/l #	87
44) Trichloroethene	9.359	130	67221	19.106	ug/l	93
45) 1,2-Dichloropropane	9.624	63	74865	19.008	ug/l	95
46) Dibromomethane	9.712	93	49155	19.270	ug/l	95
47) Bromodichloromethane	9.888	83	99308	18.926	ug/l	99
48) Methyl methacrylate	9.682	41	65465	17.411	ug/l #	83
49) 1,4-Dioxane	9.694	88	24492	353.628	ug/l #	77
51) 4-Methyl-2-Pentanone	10.447	43	445405	89.921	ug/l	90
52) Toluene	10.635	92	173547	19.723	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	103578	19.588	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	114957	19.859	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	68268	19.325	ug/l	96
56) Ethyl methacrylate	10.876	69	95813	19.738	ug/l #	81
57) 1,3-Dichloropropane	11.165	76	118169	19.372	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	170673	91.809	ug/l	90
59) 2-Hexanone	11.200	43	319794	89.470	ug/l	88
60) Dibromochloromethane	11.365	129	70145	19.757	ug/l	99
61) 1,2-Dibromoethane	11.471	107	64367	18.360	ug/l	100
64) Tetrachloroethene	11.106	164	51200	17.803	ug/l	92
65) Chlorobenzene	11.894	112	177398	19.054	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	64477	18.914	ug/l	97
67) Ethyl Benzene	11.970	91	315361	19.488	ug/l	92
68) m/p-Xylenes	12.076	106	236717	40.260	ug/l	97
69) o-Xylene	12.400	106	110756	19.154	ug/l	92
70) Styrene	12.418	104	181676	19.891	ug/l	98
71) Bromoform	12.582	173	45248	18.136	ug/l #	98
73) Isopropylbenzene	12.700	105	287429	18.976	ug/l	100
74) N-amyl acetate	12.500	43	109867	17.693	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	98467	19.397	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	85504m	18.214	ug/l	
77) Bromobenzene	12.982	156	66229	17.832	ug/l	95
78) n-propylbenzene	13.041	91	329025	19.199	ug/l	97
79) 2-Chlorotoluene	13.129	91	204335	18.633	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	234060	19.597	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	28342	17.518	ug/l	86
82) 4-Chlorotoluene	13.223	91	195148	18.701	ug/l	98
83) tert-Butylbenzene	13.441	119	197229	20.155	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	228879	20.080	ug/l	98
85) sec-Butylbenzene	13.623	105	264612	19.386	ug/l	99
86) p-Isopropyltoluene	13.735	119	209813	20.037	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	109311	18.557	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	109213	17.956	ug/l	99
89) n-Butylbenzene	14.059	91	161546	19.320	ug/l	97
90) Hexachloroethane	14.335	117	40263	18.277	ug/l	85
91) 1,2-Dichlorobenzene	14.112	146	109950	19.135	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	15257	17.420	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	31944	17.950	ug/l	97
94) Hexachlorobutadiene	15.506	225	25373	18.306	ug/l	99
95) Naphthalene	15.647	128	83339	15.336	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	35306	16.625	ug/l	99

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

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