

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110623\
 Data File : VN079943.D
 Acq On : 07 Nov 2023 03:43
 Operator : JC\MD
 Sample : VN1106WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1106WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/07/2023
 Supervised By : Mahesh Dadoda 11/07/2023

Quant Time: Nov 07 04:58:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	288333	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	513843	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	464320	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	207738	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	269409	61.329	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 122.660%			
35) Dibromofluoromethane	8.171	113	206517	56.786	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.580%			
50) Toluene-d8	10.571	98	760248	56.785	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 113.560%#			
62) 4-Bromofluorobenzene	12.853	95	253061	56.993	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.980%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	70004	20.156	ug/l	99
3) Chloromethane	2.359	50	92252	20.499	ug/l	97
4) Vinyl Chloride	2.512	62	104433	22.972	ug/l	100
5) Bromomethane	2.959	94	54868	19.864	ug/l	98
6) Chloroethane	3.124	64	60577	16.864	ug/l	97
7) Trichlorofluoromethane	3.500	101	122457	21.657	ug/l	99
8) Diethyl Ether	3.965	74	41870	19.513	ug/l	63
9) 1,1,2-Trichlorotrifluo...	4.365	101	66868	20.400	ug/l	98
10) Methyl Iodide	4.589	142	71565	19.119	ug/l	98
11) Tert butyl alcohol	5.524	59	54117	96.506	ug/l	97
12) 1,1-Dichloroethene	4.342	96	60687	19.554	ug/l #	81
13) Acrolein	4.183	56	35828	72.545	ug/l	97
14) Allyl chloride	5.024	41	93178	19.602	ug/l #	91
15) Acrylonitrile	5.718	53	189513	108.446	ug/l	99
16) Acetone	4.430	43	156124	101.180	ug/l	89
17) Carbon Disulfide	4.712	76	164713	18.399	ug/l	97
18) Methyl Acetate	5.030	43	170083	23.039	ug/l #	85
19) Methyl tert-butyl Ether	5.800	73	218184	20.419	ug/l	96
20) Methylene Chloride	5.277	84	82964	21.308	ug/l #	85
21) trans-1,2-Dichloroethene	5.783	96	69619	20.113	ug/l #	85
22) Diisopropyl ether	6.677	45	246924	22.415	ug/l #	92
23) Vinyl Acetate	6.606	43	592318	97.479	ug/l #	87
24) 1,1-Dichloroethane	6.571	63	148700	22.209	ug/l	98
25) 2-Butanone	7.488	43	238357	105.489	ug/l #	80
26) 2,2-Dichloropropane	7.494	77	95258	17.203	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	83147	20.082	ug/l	87
28) Bromochloromethane	7.818	49	78519	24.064	ug/l #	77
29) Tetrahydrofuran	7.841	42	164006	111.562	ug/l #	74
30) Chloroform	7.971	83	156506	21.519	ug/l	94
31) Cyclohexane	8.259	56	113925	19.626	ug/l	86
32) 1,1,1-Trichloroethane	8.171	97	130168	21.966	ug/l	96
36) 1,1-Dichloropropene	8.377	75	104286	20.083	ug/l	95
37) Ethyl Acetate	7.565	43	104337	21.909	ug/l #	92
38) Carbon Tetrachloride	8.365	117	111248	21.258	ug/l	96
39) Methylcyclohexane	9.606	83	85698	17.537	ug/l #	82
40) Benzene	8.612	78	326987	21.024	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	57051	22.560	ug/l #	83
42) 1,2-Dichloroethane	8.671	62	122370	22.525	ug/l	98
43) Isopropyl Acetate	8.694	43	179325	21.472	ug/l #	87
44) Trichloroethene	9.359	130	76919	19.931	ug/l	89
45) 1,2-Dichloropropane	9.624	63	88352	22.229	ug/l	99
46) Dibromomethane	9.712	93	58559	21.577	ug/l	96
47) Bromodichloromethane	9.894	83	120632	20.842	ug/l #	96
48) Methyl methacrylate	9.688	41	78481	21.454	ug/l #	80
49) 1,4-Dioxane	9.700	88	27907	431.736	ug/l #	86
51) 4-Methyl-2-Pentanone	10.447	43	530604	112.848	ug/l	88
52) Toluene	10.635	92	198656	21.545	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	114381	20.159	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	126629	20.475	ug/l #	86
55) 1,1,2-Trichloroethane	11.018	97	82205	22.166	ug/l	94
56) Ethyl methacrylate	10.876	69	107677	20.355	ug/l #	84
57) 1,3-Dichloropropane	11.165	76	141836	21.697	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	269347	100.460	ug/l	89
59) 2-Hexanone	11.200	43	373517	103.842	ug/l	86
60) Dibromochloromethane	11.365	129	83349	20.996	ug/l	99
61) 1,2-Dibromoethane	11.470	107	76773	20.625	ug/l	99
64) Tetrachloroethene	11.112	164	64118	21.322	ug/l	93
65) Chlorobenzene	11.894	112	204540	20.308	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	77084	21.242	ug/l	97
67) Ethyl Benzene	11.970	91	347123	19.781	ug/l	97
68) m/p-Xylenes	12.076	106	263861	40.365	ug/l	94
69) o-Xylene	12.400	106	122442	19.452	ug/l	90
70) Styrene	12.412	104	212716	21.027	ug/l	97
71) Bromoform	12.582	173	56149	21.790	ug/l #	99
73) Isopropylbenzene	12.700	105	309741	19.646	ug/l	100
74) N-amyl acetate	12.500	43	133563	19.408	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	117284	20.981	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	93781m	19.229	ug/l	
77) Bromobenzene	12.982	156	78821	20.420	ug/l	93
78) n-propylbenzene	13.041	91	369474	20.464	ug/l	96
79) 2-Chlorotoluene	13.129	91	235922	20.455	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	257892	21.024	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	30859	17.215	ug/l #	78
82) 4-Chlorotoluene	13.223	91	233968	20.414	ug/l	98
83) tert-Butylbenzene	13.441	119	210218	20.937	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	255264	21.151	ug/l	100
85) sec-Butylbenzene	13.617	105	276296	19.862	ug/l	99
86) p-Isopropyltoluene	13.735	119	220027	19.400	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	141037	19.641	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	139234	19.103	ug/l	98
89) n-Butylbenzene	14.059	91	173505	17.762	ug/l	97
90) Hexachloroethane	14.335	117	47061	20.952	ug/l	89
91) 1,2-Dichlorobenzene	14.111	146	141482	20.872	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	19740	20.824	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	56595	17.559	ug/l	98
94) Hexachlorobutadiene	15.505	225	26987	18.470	ug/l	99
95) Naphthalene	15.647	128	165026	15.098	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	57337	18.148	ug/l	99

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

