

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110323\
 Data File : VN079869.D
 Acq On : 04 Nov 2023 01:50
 Operator : JC\MD
 Sample : VN1103WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1103WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/04/2023
 Supervised By : Mahesh Dadoda 11/06/2023

Quant Time: Nov 04 04:46:16 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	278896	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	494540	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	444957	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	197433	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	255089	60.034	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 120.060%			
35) Dibromofluoromethane	8.171	113	194590	55.595	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.180%			
50) Toluene-d8	10.570	98	724167	56.201	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 112.400%			
62) 4-Bromofluorobenzene	12.853	95	240384	56.251	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.500%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	71078	21.158	ug/l	98
3) Chloromethane	2.359	50	83709	19.170	ug/l	99
4) Vinyl Chloride	2.512	62	108456	24.664	ug/l	97
5) Bromomethane	2.953	94	60644	22.697	ug/l	97
6) Chloroethane	3.124	64	66705	19.198	ug/l	95
7) Trichlorofluoromethane	3.500	101	113282	20.712	ug/l	97
8) Diethyl Ether	3.959	74	40897	19.705	ug/l	63
9) 1,1,2-Trichlorotrifluo...	4.371	101	66010	20.819	ug/l	99
10) Methyl Iodide	4.600	142	70807	19.556	ug/l	92
11) Tert butyl alcohol	5.518	59	47792	88.110	ug/l	97
12) 1,1-Dichloroethene	4.341	96	60332	20.097	ug/l #	77
13) Acrolein	4.177	56	41007	86.220	ug/l	95
14) Allyl chloride	5.024	41	92586	20.136	ug/l #	88
15) Acrylonitrile	5.718	53	174430	103.192	ug/l	99
16) Acetone	4.430	43	141599	94.872	ug/l	92
17) Carbon Disulfide	4.706	76	168287	19.434	ug/l	96
18) Methyl Acetate	5.030	43	146743	20.550	ug/l #	83
19) Methyl tert-butyl Ether	5.788	73	210915	20.407	ug/l	96
20) Methylene Chloride	5.277	84	77400	20.552	ug/l #	82
21) trans-1,2-Dichloroethene	5.783	96	68557	20.476	ug/l #	80
22) Diisopropyl ether	6.671	45	243514	22.854	ug/l #	90
23) Vinyl Acetate	6.606	43	577307	98.223	ug/l #	87
24) 1,1-Dichloroethane	6.565	63	144881	22.371	ug/l	98
25) 2-Butanone	7.488	43	226395	103.585	ug/l #	78
26) 2,2-Dichloropropane	7.494	77	97119	18.132	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	83478	20.844	ug/l	85
28) Bromochloromethane	7.812	49	77553	24.572	ug/l #	75
29) Tetrahydrofuran	7.841	42	153831	108.181	ug/l #	73
30) Chloroform	7.971	83	150958	21.459	ug/l	97
31) Cyclohexane	8.265	56	114845	20.454	ug/l	85
32) 1,1,1-Trichloroethane	8.171	97	126546	22.077	ug/l	96
36) 1,1-Dichloropropene	8.377	75	103627	20.735	ug/l	94
37) Ethyl Acetate	7.559	43	99446	21.697	ug/l #	90
38) Carbon Tetrachloride	8.365	117	106992	21.242	ug/l	95
39) Methylcyclohexane	9.600	83	91129	19.376	ug/l #	81
40) Benzene	8.606	78	317816	21.232	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	51398	21.118	ug/l #	84
42) 1,2-Dichloroethane	8.671	62	116487	22.279	ug/l	97
43) Isopropyl Acetate	8.694	43	154888	19.270	ug/l #	91
44) Trichloroethene	9.353	130	73882	19.891	ug/l	99
45) 1,2-Dichloropropane	9.623	63	86477	22.606	ug/l	98
46) Dibromomethane	9.712	93	55874	21.391	ug/l	95
47) Bromodichloromethane	9.888	83	117523	21.097	ug/l	98
48) Methyl methacrylate	9.682	41	75215	21.364	ug/l #	79
49) 1,4-Dioxane	9.700	88	23264	373.955	ug/l #	67
51) 4-Methyl-2-Pentanone	10.447	43	489490	108.168	ug/l	89
52) Toluene	10.629	92	192057	21.643	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	109304	20.016	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	122238	20.536	ug/l #	89
55) 1,1,2-Trichloroethane	11.018	97	78293	21.935	ug/l	98
56) Ethyl methacrylate	10.876	69	100890	19.816	ug/l #	81
57) 1,3-Dichloropropane	11.165	76	139015	22.096	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	268790	104.165	ug/l #	88
59) 2-Hexanone	11.200	43	337372	97.454	ug/l	87
60) Dibromochloromethane	11.365	129	81020	21.206	ug/l	99
61) 1,2-Dibromoethane	11.470	107	73431	20.497	ug/l	98
64) Tetrachloroethene	11.106	164	67252	23.337	ug/l	94
65) Chlorobenzene	11.894	112	198644	20.581	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	73142	21.033	ug/l	96
67) Ethyl Benzene	11.965	91	346209	20.588	ug/l	97
68) m/p-Xylenes	12.076	106	259163	41.371	ug/l	93
69) o-Xylene	12.400	106	124991	20.721	ug/l	94
70) Styrene	12.412	104	206766	21.329	ug/l	97
71) Bromoform	12.582	173	50558	20.474	ug/l #	100
73) Isopropylbenzene	12.700	105	308369	20.580	ug/l	100
74) N-amyl acetate	12.500	43	122259	18.693	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	107422	20.220	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	95682m	20.643	ug/l	
77) Bromobenzene	12.982	156	76807	20.937	ug/l	94
78) n-propylbenzene	13.035	91	364628	21.250	ug/l	97
79) 2-Chlorotoluene	13.129	91	228640	20.858	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	252489	21.658	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	28630	16.805	ug/l #	78
82) 4-Chlorotoluene	13.223	91	228218	20.952	ug/l	98
83) tert-Butylbenzene	13.441	119	202274	21.197	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	252485	22.013	ug/l	100
85) sec-Butylbenzene	13.617	105	283387	21.435	ug/l	100
86) p-Isopropyltoluene	13.735	119	226823	21.043	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	138240	20.257	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	139122	20.084	ug/l	98
89) n-Butylbenzene	14.058	91	187157	20.159	ug/l	97
90) Hexachloroethane	14.335	117	45850	21.478	ug/l	87
91) 1,2-Dichlorobenzene	14.106	146	135176	20.983	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	18711	20.768	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	59412	19.395	ug/l	97
94) Hexachlorobutadiene	15.500	225	28861	20.784	ug/l	96
95) Naphthalene	15.641	128	169230	16.291	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	58109	19.352	ug/l	95

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

