

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110723\
 Data File : VN079962.D
 Acq On : 07 Nov 2023 13:55
 Operator : JC\MD
 Sample : VN1107WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

11/08/2023
 Supervised By :Mahesh
 Dadoda

Quant Time: Nov 08 04:26:53 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	8.230	168	319522	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	569368	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	514360	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	232668	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	278796	57.271	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 114.540%	
35) Dibromofluoromethane	8.171	113	215343	53.438	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.880%	
50) Toluene-d8	10.571	98	788323	53.139	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.280%	
62) 4-Bromofluorobenzene	12.853	95	275073	55.909	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 111.820%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	75659	19.658	ug/l	96
3) Chloromethane	2.359	50	94072	18.786	ug/l	96
4) Vinyl Chloride	2.512	62	112437	22.318	ug/l	97
5) Bromomethane	2.948	94	62420	20.392	ug/l	98
6) Chloroethane	3.118	64	63898	16.052	ug/l	96
7) Trichlorofluoromethane	3.495	101	134888	21.527	ug/l	98
8) Diethyl Ether	3.965	74	51687	21.737	ug/l	68
9) 1,1,2-Trichlorotrifluo...	4.371	101	74737	20.575	ug/l	97
10) Methyl Iodide	4.595	142	80016	19.290	ug/l	96
11) Tert butyl alcohol	5.524	59	75787	121.957	ug/l	99
12) 1,1-Dichloroethene	4.342	96	71061	20.661	ug/l #	79
13) Acrolein	4.183	56	56015	103.627	ug/l	100
14) Allyl chloride	5.024	41	116720	22.158	ug/l #	92
15) Acrylonitrile	5.718	53	229394	118.454	ug/l	98
16) Acetone	4.430	43	205606	120.241	ug/l	98
17) Carbon Disulfide	4.706	76	189554	19.107	ug/l	98
18) Methyl Acetate	5.024	43	203334	24.855	ug/l #	84
19) Methyl tert-butyl Ether	5.795	73	266340	22.493	ug/l	97
20) Methylene Chloride	5.271	84	91064	21.106	ug/l #	81
21) trans-1,2-Dichloroethene	5.789	96	79312	20.677	ug/l	86
22) Diisopropyl ether	6.677	45	289136	23.685	ug/l #	91
23) Vinyl Acetate	6.606	43	766695	113.860	ug/l #	87
24) 1,1-Dichloroethane	6.571	63	168792	22.749	ug/l	98
25) 2-Butanone	7.489	43	314066	125.427	ug/l #	80
26) 2,2-Dichloropropane	7.494	77	128935	21.012	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	93720	20.426	ug/l	82
28) Bromochloromethane	7.812	49	84088	23.255	ug/l #	77
29) Tetrahydrofuran	7.841	42	208049	127.707	ug/l #	76
30) Chloroform	7.971	83	173628	21.543	ug/l	96
31) Cyclohexane	8.259	56	132766	20.639	ug/l	84
32) 1,1,1-Trichloroethane	8.171	97	148157	22.561	ug/l #	93
36) 1,1-Dichloropropene	8.377	75	121108	21.048	ug/l	95
37) Ethyl Acetate	7.565	43	126555	23.983	ug/l #	92
38) Carbon Tetrachloride	8.365	117	125752	21.686	ug/l	96
39) Methylcyclohexane	9.606	83	111134	20.524	ug/l #	83
40) Benzene	8.606	78	369740	21.455	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.783	41	71545	25.532	ug/l	#	84
42) 1,2-Dichloroethane	8.677	62	141787	23.554	ug/l		97
43) Isopropyl Acetate	8.694	43	223462	24.147	ug/l	#	87
44) Trichloroethene	9.353	130	85824	20.069	ug/l		98
45) 1,2-Dichloropropane	9.624	63	100506	22.821	ug/l		91
46) Dibromomethane	9.712	93	65872	21.905	ug/l		96
47) Bromodichloromethane	9.888	83	136853	21.339	ug/l		100
48) Methyl methacrylate	9.688	41	98268	24.243	ug/l	#	81
49) 1,4-Dioxane	9.700	88	36811	513.949	ug/l	#	80
51) 4-Methyl-2-Pentanone	10.447	43	657715	126.241	ug/l		90
52) Toluene	10.635	92	225857	22.107	ug/l		99
53) t-1,3-Dichloropropene	10.841	75	136329	21.684	ug/l		100
54) cis-1,3-Dichloropropene	10.318	75	149112	21.759	ug/l	#	88
55) 1,1,2-Trichloroethane	11.018	97	91790	22.337	ug/l		98
56) Ethyl methacrylate	10.877	69	134129	22.883	ug/l	#	85
57) 1,3-Dichloropropane	11.165	76	162781	22.473	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.165	63	318235	107.119	ug/l		91
59) 2-Hexanone	11.200	43	475696	119.352	ug/l		88
60) Dibromochloromethane	11.365	129	95771	21.773	ug/l		100
61) 1,2-Dibromoethane	11.471	107	89985	21.817	ug/l		99
64) Tetrachloroethene	11.106	164	68677	20.616	ug/l		93
65) Chlorobenzene	11.894	112	235124	21.073	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.965	131	90192	22.436	ug/l		97
67) Ethyl Benzene	11.971	91	413004	21.246	ug/l		96
68) m/p-Xylenes	12.076	106	308645	42.622	ug/l		91
69) o-Xylene	12.400	106	150196	21.539	ug/l		92
70) Styrene	12.412	104	248544	22.179	ug/l		97
71) Bromoform	12.582	173	65042	22.786	ug/l	#	98
73) Isopropylbenzene	12.700	105	373352	21.143	ug/l		98
74) N-amyl acetate	12.500	43	166842	21.647	ug/l		91
75) 1,1,2,2-Tetrachloroethane	12.941	83	137357	21.939	ug/l		98
76) 1,2,3-Trichloropropane	13.000	75	113012m	20.689	ug/l		
77) Bromobenzene	12.982	156	91868	21.250	ug/l		90
78) n-propylbenzene	13.041	91	434868	21.505	ug/l		98
79) 2-Chlorotoluene	13.129	91	281249	21.772	ug/l		99
80) 1,3,5-Trimethylbenzene	13.176	105	306790	22.331	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.741	75	39185	19.518	ug/l	#	82
82) 4-Chlorotoluene	13.223	91	275108	21.431	ug/l		97
83) tert-Butylbenzene	13.441	119	245190	21.803	ug/l		97
84) 1,2,4-Trimethylbenzene	13.488	105	307659	22.761	ug/l		100
85) sec-Butylbenzene	13.618	105	342489	21.982	ug/l		99
86) p-Isopropyltoluene	13.735	119	273456	21.527	ug/l		100
87) 1,3-Dichlorobenzene	13.735	146	163441	20.323	ug/l		99
88) 1,4-Dichlorobenzene	13.818	146	161929	19.837	ug/l		96
89) n-Butylbenzene	14.059	91	220675	20.170	ug/l		98
90) Hexachloroethane	14.335	117	54961	21.847	ug/l		90
91) 1,2-Dichlorobenzene	14.112	146	162161	21.359	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	26052	24.537	ug/l		94
93) 1,2,4-Trichlorobenzene	15.394	180	72461	20.073	ug/l		99
94) Hexachlorobutadiene	15.506	225	32442	19.825	ug/l		98
95) Naphthalene	15.647	128	230532	18.831	ug/l		99
96) 1,2,3-Trichlorobenzene	15.841	180	71106	20.095	ug/l		97

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

