

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120523\
 Data File : VN080357.D
 Acq On : 05 Dec 2023 11:27
 Operator : JC\MD
 Sample : VN1205WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1205WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/06/2023
 Supervised By : Mahesh Dadoda 12/06/2023

Quant Time: Dec 06 00:48:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	230401	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	355514	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	317892	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	153891	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	182704	48.026	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.060%		
35) Dibromofluoromethane	8.165	113	134732	51.361	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.720%		
50) Toluene-d8	10.570	98	467988	49.490	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.980%		
62) 4-Bromofluorobenzene	12.847	95	176690	49.469	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.940%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	63177	18.408	ug/l	98
3) Chloromethane	2.365	50	43214	16.748	ug/l	93
4) Vinyl Chloride	2.518	62	49840	18.252	ug/l	95
5) Bromomethane	2.959	94	34410	18.563	ug/l	94
6) Chloroethane	3.124	64	32940	18.409	ug/l	97
7) Trichlorofluoromethane	3.500	101	110834	19.458	ug/l	100
8) Diethyl Ether	3.959	74	28370	17.125	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.371	101	48861	18.767	ug/l	95
10) Methyl Iodide	4.594	142	52527	18.668	ug/l #	82
11) Tert butyl alcohol	5.512	59	37542	89.738	ug/l	98
12) 1,1-Dichloroethene	4.336	96	46583	19.129	ug/l	92
13) Acrolein	4.177	56	28148	76.027	ug/l	93
14) Allyl chloride	5.030	41	51381	16.770	ug/l	89
15) Acrylonitrile	5.712	53	95382	84.929	ug/l	99
16) Acetone	4.424	43	93841	73.441	ug/l	91
17) Carbon Disulfide	4.718	76	122352	16.827	ug/l	98
18) Methyl Acetate	5.024	43	67576	16.460	ug/l	97
19) Methyl tert-butyl Ether	5.794	73	162944	18.947	ug/l	98
20) Methylene Chloride	5.277	84	52828	19.743	ug/l	98
21) trans-1,2-Dichloroethene	5.788	96	51471	19.240	ug/l	88
22) Diisopropyl ether	6.665	45	127109	18.752	ug/l	94
23) Vinyl Acetate	6.600	43	351206	86.182	ug/l	95
24) 1,1-Dichloroethane	6.565	63	90814	18.394	ug/l	98
25) 2-Butanone	7.482	43	117316	77.276	ug/l	93
26) 2,2-Dichloropropane	7.488	77	93453	19.079	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	56898	18.759	ug/l	86
28) Bromochloromethane	7.812	49	32855	16.928	ug/l	97
29) Tetrahydrofuran	7.841	42	69624	85.423	ug/l	96
30) Chloroform	7.965	83	111647	20.233	ug/l	94
31) Cyclohexane	8.259	56	68009	16.438	ug/l	90
32) 1,1,1-Trichloroethane	8.171	97	107377	19.953	ug/l	96
36) 1,1-Dichloropropene	8.371	75	72929	19.202	ug/l	97
37) Ethyl Acetate	7.559	43	45344	17.212	ug/l	98
38) Carbon Tetrachloride	8.365	117	98175	20.370	ug/l	98
39) Methylcyclohexane	9.606	83	65537	17.897	ug/l	93
40) Benzene	8.606	78	211088	19.556	ug/l	99

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41) Methacrylonitrile	7.782	41	25610	17.702	ug/l	94
42) 1,2-Dichloroethane	8.671	62	91732	20.772	ug/l	93
43) Isopropyl Acetate	8.688	43	85159	16.612	ug/l	99
44) Trichloroethene	9.353	130	55767	19.696	ug/l	100
45) 1,2-Dichloropropane	9.623	63	50027	19.943	ug/l	97
46) Dibromomethane	9.712	93	38842	20.456	ug/l	91
47) Bromodichloromethane	9.888	83	85680	20.513	ug/l	90
48) Methyl methacrylate	9.682	41	47679	18.048	ug/l	91
49) 1,4-Dioxane	9.694	88	15498	352.627	ug/l #	86
51) 4-Methyl-2-Pentanone	10.447	43	235120	88.588	ug/l	100
52) Toluene	10.629	92	137883	20.411	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	83934	19.558	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	88538	20.194	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	52609	20.405	ug/l	94
56) Ethyl methacrylate	10.876	69	50353	19.117	ug/l #	87
57) 1,3-Dichloropropane	11.165	76	86658	19.251	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	120895	81.473	ug/l	98
59) 2-Hexanone	11.194	43	174465	81.805	ug/l	96
60) Dibromochloromethane	11.359	129	64824	21.001	ug/l	99
61) 1,2-Dibromoethane	11.470	107	50808	19.317	ug/l	98
64) Tetrachloroethene	11.106	164	53448	22.031	ug/l	96
65) Chlorobenzene	11.894	112	143522	19.925	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.964	131	57867	20.701	ug/l	94
67) Ethyl Benzene	11.964	91	253683	19.792	ug/l	100
68) m/p-Xylenes	12.070	106	191879	41.057	ug/l	87
69) o-Xylene	12.400	106	93959	21.333	ug/l	93
70) Styrene	12.412	104	136085	20.759	ug/l	94
71) Bromoform	12.582	173	44080	21.264	ug/l #	98
73) Isopropylbenzene	12.700	105	242226	20.256	ug/l	98
74) N-amyl acetate	12.494	43	63394	16.999	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	67388	18.828	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	72586m	19.251	ug/l	
77) Bromobenzene	12.982	156	59730	19.811	ug/l	94
78) n-propylbenzene	13.035	91	264128	19.752	ug/l	99
79) 2-Chlorotoluene	13.123	91	174742	20.120	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	210764	20.247	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	20562	18.424	ug/l	89
82) 4-Chlorotoluene	13.223	91	175410	19.714	ug/l	96
83) tert-Butylbenzene	13.441	119	163164	19.546	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	211207	20.605	ug/l	97
85) sec-Butylbenzene	13.617	105	203900	19.308	ug/l	99
86) p-Isopropyltoluene	13.729	119	187620	19.889	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	103221	19.002	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	103608	18.980	ug/l	95
89) n-Butylbenzene	14.058	91	146114	18.505	ug/l	97
90) Hexachloroethane	14.335	117	34529	18.775	ug/l	72
91) 1,2-Dichlorobenzene	14.106	146	102173	19.656	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	14681	17.659	ug/l	90
93) 1,2,4-Trichlorobenzene	15.394	180	49655	16.424	ug/l	97
94) Hexachlorobutadiene	15.505	225	30040	17.266	ug/l	99
95) Naphthalene	15.641	128	132145	15.073	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	46712	16.484	ug/l	94

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

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