

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012324\
 Data File : VN080756.D
 Acq On : 23 Jan 2024 12:12
 Operator : JC\MD
 Sample : VN0123WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0123WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/24/2024
 Supervised By : Mahesh Dadoda 01/24/2024

Quant Time: Jan 24 01:56:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 06:34:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	131110	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	268421	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	229817	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	86047	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	105793	45.949	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.900%		
35) Dibromofluoromethane	8.165	113	74351	48.751	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.500%		
50) Toluene-d8	10.565	98	302331	51.989	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.980%		
62) 4-Bromofluorobenzene	12.853	95	103619	46.465	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.940%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	33339	15.652	ug/l	93
3) Chloromethane	2.365	50	54376	22.542	ug/l	99
4) Vinyl Chloride	2.518	62	41545	21.497	ug/l	94
5) Bromomethane	2.953	94	17876	24.336	ug/l	90
6) Chloroethane	3.130	64	23146	22.150	ug/l	93
7) Trichlorofluoromethane	3.500	101	51251	16.059	ug/l	93
8) Diethyl Ether	3.959	74	25740	18.455	ug/l	# 49
9) 1,1,2-Trichlorotrifluo...	4.377	101	31463	18.088	ug/l	90
10) Methyl Iodide	4.589	142	24900	17.119	ug/l	# 88
11) Tert butyl alcohol	5.506	59	28899	74.217	ug/l	97
12) 1,1-Dichloroethene	4.336	96	32419	16.562	ug/l	83
13) Acrolein	4.177	56	32126	98.743	ug/l	97
14) Allyl chloride	5.024	41	70270	18.109	ug/l	# 89
15) Acrylonitrile	5.712	53	101065	99.394	ug/l	99
16) Acetone	4.424	43	67149	88.833	ug/l	97
17) Carbon Disulfide	4.712	76	98945	16.526	ug/l	98
18) Methyl Acetate	5.024	43	47201	20.970	ug/l	# 81
19) Methyl tert-butyl Ether	5.789	73	126914	18.816	ug/l	# 78
20) Methylene Chloride	5.277	84	42925	19.452	ug/l	# 73
21) trans-1,2-Dichloroethene	5.783	96	35897	18.079	ug/l	# 80
22) Diisopropyl ether	6.665	45	157782	21.563	ug/l	# 89
23) Vinyl Acetate	6.594	43	600540	100.837	ug/l	# 83
24) 1,1-Dichloroethane	6.571	63	79977	19.967	ug/l	96
25) 2-Butanone	7.483	43	128438	94.000	ug/l	# 82
26) 2,2-Dichloropropane	7.488	77	60952	17.400	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	45458	20.769	ug/l	83
28) Bromochloromethane	7.812	49	38104	20.349	ug/l	# 60
29) Tetrahydrofuran	7.835	42	89902	97.618	ug/l	# 69
30) Chloroform	7.971	83	72226	19.235	ug/l	93
31) Cyclohexane	8.253	56	67006	18.837	ug/l	# 82
32) 1,1,1-Trichloroethane	8.165	97	56480	16.897	ug/l	# 94
36) 1,1-Dichloropropene	8.371	75	54415	17.418	ug/l	92
37) Ethyl Acetate	7.559	43	59122	19.516	ug/l	# 91
38) Carbon Tetrachloride	8.359	117	45628	16.267	ug/l	91
39) Methylcyclohexane	9.606	83	52256	17.479	ug/l	# 75
40) Benzene	8.606	78	175783	20.015	ug/l	94

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	35095	19.972	ug/l #	75
42) 1,2-Dichloroethane	8.671	62	58070	17.271	ug/l	95
43) Isopropyl Acetate	8.688	43	105072	18.869	ug/l #	87
44) Trichloroethene	9.353	130	35788	18.000	ug/l	95
45) 1,2-Dichloropropane	9.624	63	49237	21.147	ug/l	96
46) Dibromomethane	9.706	93	27467	18.645	ug/l	95
47) Bromodichloromethane	9.888	83	57331	17.534	ug/l	96
48) Methyl methacrylate	9.682	41	47879	18.161	ug/l #	75
49) 1,4-Dioxane	9.694	88	11512	350.447	ug/l #	72
51) 4-Methyl-2-Pentanone	10.441	43	285758	95.122	ug/l #	85
52) Toluene	10.635	92	99803	19.834	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	64904	17.884	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	74644	19.395	ug/l #	80
55) 1,1,2-Trichloroethane	11.018	97	38873	20.071	ug/l	95
56) Ethyl methacrylate	10.871	69	64083	18.473	ug/l #	76
57) 1,3-Dichloropropane	11.165	76	72764	20.579	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	151324	91.074	ug/l #	85
59) 2-Hexanone	11.194	43	206472	93.103	ug/l	85
60) Dibromochloromethane	11.359	129	36002	18.087	ug/l	99
61) 1,2-Dibromoethane	11.470	107	35710	18.756	ug/l	97
64) Tetrachloroethene	11.106	164	27285	17.288	ug/l	93
65) Chlorobenzene	11.888	112	92962	18.515	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	32139	18.028	ug/l	94
67) Ethyl Benzene	11.965	91	174556	18.206	ug/l	96
68) m/p-Xylenes	12.070	106	129664	38.468	ug/l	93
69) o-Xylene	12.400	106	63129	19.155	ug/l	92
70) Styrene	12.412	104	104826	18.731	ug/l	94
71) Bromoform	12.582	173	20690	16.870	ug/l #	98
73) Isopropylbenzene	12.694	105	149668	18.291	ug/l	98
74) N-amyl acetate	12.494	43	92119	18.760	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.941	83	50055	18.649	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	45271m	17.062	ug/l	
77) Bromobenzene	12.982	156	30327	17.450	ug/l	64
78) n-propylbenzene	13.035	91	180584	17.991	ug/l	97
79) 2-Chlorotoluene	13.123	91	113638	17.666	ug/l	93
80) 1,3,5-Trimethylbenzene	13.170	105	124353	18.236	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	18005	15.997	ug/l #	86
82) 4-Chlorotoluene	13.223	91	115349	18.291	ug/l	92
83) tert-Butylbenzene	13.435	119	94748	17.380	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	121243	18.081	ug/l	100
85) sec-Butylbenzene	13.617	105	143984	18.589	ug/l	95
86) p-Isopropyltoluene	13.729	119	107434	17.562	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	56290	18.134	ug/l	95
88) 1,4-Dichlorobenzene	13.812	146	56907	17.995	ug/l	96
89) n-Butylbenzene	14.059	91	104322	17.692	ug/l	97
90) Hexachloroethane	14.329	117	17573	15.490	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	55190	18.868	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	8402	13.403	ug/l	92
93) 1,2,4-Trichlorobenzene	15.394	180	24805	16.283	ug/l	94
94) Hexachlorobutadiene	15.500	225	10205	13.959	ug/l	90
95) Naphthalene	15.641	128	94617	15.781	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	24744	16.780	ug/l	98

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

