

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012624\
 Data File : VN080769.D
 Acq On : 26 Jan 2024 14:50
 Operator : JC\MD
 Sample : VN0126WBS03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0126WBS03

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/29/2024
 Supervised By : Mahesh Dadoda 01/29/2024

Quant Time: Jan 29 02:30:18 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	132407	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	258986	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	222683	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	88906	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	95681	41.150	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	82.300%		
35) Dibromofluoromethane	8.165	113	71687	48.717	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.440%		
50) Toluene-d8	10.571	98	284048	50.624	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.240%		
62) 4-Bromofluorobenzene	12.853	95	94969	44.138	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.280%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	41316	19.207	ug/l	99
3) Chloromethane	2.359	50	62297	25.626	ug/l	97
4) Vinyl Chloride	2.512	62	44944	23.028	ug/l	94
5) Bromomethane	2.953	94	18100	24.400	ug/l	81
6) Chloroethane	3.118	64	25081	23.791	ug/l	96
7) Trichlorofluoromethane	3.495	101	63350	19.655	ug/l	98
8) Diethyl Ether	3.959	74	30752	21.832	ug/l	59
9) 1,1,2-Trichlorotrifluo...	4.377	101	36057	20.526	ug/l	94
10) Methyl Iodide	4.594	142	28870	19.654	ug/l	# 93
11) Tert butyl alcohol	5.524	59	44507	113.182	ug/l	95
12) 1,1-Dichloroethene	4.336	96	38437	19.444	ug/l	# 76
13) Acrolein	4.183	56	31571	96.087	ug/l	98
14) Allyl chloride	5.024	41	83143	21.217	ug/l	# 86
15) Acrylonitrile	5.718	53	126919	123.598	ug/l	99
16) Acetone	4.430	43	92968	121.785	ug/l	99
17) Carbon Disulfide	4.712	76	119153	19.707	ug/l	100
18) Methyl Acetate	5.024	43	68358	30.071	ug/l	# 81
19) Methyl tert-butyl Ether	5.789	73	138176	20.285	ug/l	# 91
20) Methylene Chloride	5.277	84	44726	20.070	ug/l	# 79
21) trans-1,2-Dichloroethene	5.789	96	41644	20.769	ug/l	# 83
22) Diisopropyl ether	6.671	45	177054	23.960	ug/l	# 83
23) Vinyl Acetate	6.606	43	671350m	111.623	ug/l	
24) 1,1-Dichloroethane	6.571	63	91715	22.673	ug/l	95
25) 2-Butanone	7.483	43	175102	126.897	ug/l	# 76
26) 2,2-Dichloropropane	7.494	77	72285	20.433	ug/l	95
27) cis-1,2-Dichloroethene	7.488	96	48501	21.942	ug/l	74
28) Bromochloromethane	7.812	49	35171	18.599	ug/l	# 61
29) Tetrahydrofuran	7.841	42	121504	130.641	ug/l	# 69
30) Chloroform	7.971	83	79358	20.927	ug/l	89
31) Cyclohexane	8.253	56	78098	21.740	ug/l	# 81
32) 1,1,1-Trichloroethane	8.165	97	66901	19.819	ug/l	# 93
36) 1,1-Dichloropropene	8.371	75	64496	21.397	ug/l	92
37) Ethyl Acetate	7.565	43	71183	24.353	ug/l	# 91
38) Carbon Tetrachloride	8.365	117	53481	19.761	ug/l	89
39) Methylcyclohexane	9.600	83	63893	22.150	ug/l	# 84
40) Benzene	8.606	78	196393	23.177	ug/l	96

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	41206	24.304	ug/l #	82
42) 1,2-Dichloroethane	8.665	62	66967	20.643	ug/l	99
43) Isopropyl Acetate	8.688	43	125336	23.328	ug/l #	87
44) Trichloroethene	9.353	130	40661	21.196	ug/l	88
45) 1,2-Dichloropropane	9.624	63	54593	24.301	ug/l	100
46) Dibromomethane	9.706	93	29938	21.063	ug/l	95
47) Bromodichloromethane	9.888	83	62935	19.950	ug/l	93
48) Methyl methacrylate	9.682	41	57928	22.773	ug/l #	74
49) 1,4-Dioxane	9.694	88	16536	521.725	ug/l #	78
51) 4-Methyl-2-Pentanone	10.447	43	374697	129.272	ug/l #	86
52) Toluene	10.635	92	114787	23.643	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	74941	21.402	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	83042	22.363	ug/l #	80
55) 1,1,2-Trichloroethane	11.023	97	44326	23.720	ug/l	93
56) Ethyl methacrylate	10.876	69	77138	23.047	ug/l #	75
57) 1,3-Dichloropropane	11.165	76	83094	24.357	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	155628	97.077	ug/l #	84
59) 2-Hexanone	11.194	43	281333	131.481	ug/l	84
60) Dibromochloromethane	11.365	129	41541	21.630	ug/l	99
61) 1,2-Dibromoethane	11.476	107	42935	23.373	ug/l	97
64) Tetrachloroethene	11.106	164	31427	20.551	ug/l	92
65) Chlorobenzene	11.894	112	108507	22.303	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	37021	21.432	ug/l	96
67) Ethyl Benzene	11.965	91	207228	22.306	ug/l	92
68) m/p-Xylenes	12.070	106	151569	46.407	ug/l	93
69) o-Xylene	12.400	106	73808	23.112	ug/l	90
70) Styrene	12.412	104	125163	23.081	ug/l	96
71) Bromoform	12.582	173	24391	20.525	ug/l #	98
73) Isopropylbenzene	12.700	105	181154	21.427	ug/l	99
74) N-amyl acetate	12.494	43	110536	21.786	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.941	83	62903	22.682	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	59167m	21.582	ug/l	
77) Bromobenzene	12.982	156	36166	20.141	ug/l	66
78) n-propylbenzene	13.041	91	220242	21.236	ug/l	94
79) 2-Chlorotoluene	13.129	91	135546	20.394	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	142570	20.235	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	23120	19.881	ug/l #	79
82) 4-Chlorotoluene	13.223	91	130903	20.090	ug/l	94
83) tert-Butylbenzene	13.441	119	120116	21.325	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	145154	20.951	ug/l	96
85) sec-Butylbenzene	13.617	105	169606	21.192	ug/l	97
86) p-Isopropyltoluene	13.729	119	130069	20.578	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	67529	21.055	ug/l	96
88) 1,4-Dichlorobenzene	13.817	146	66782	20.439	ug/l	96
89) n-Butylbenzene	14.059	91	124743	20.475	ug/l	97
90) Hexachloroethane	14.341	117	22119	18.870	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	64212	21.246	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10545	16.362	ug/l	96
93) 1,2,4-Trichlorobenzene	15.400	180	31241	19.848	ug/l	95
94) Hexachlorobutadiene	15.506	225	13515	17.892	ug/l	94
95) Naphthalene	15.641	128	119215	19.245	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	30148	19.788	ug/l	99

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

