

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012924\
 Data File : VN080785.D
 Acq On : 29 Jan 2024 12:12
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/29/2024
 Supervised By : Mahesh Dadoda 01/30/2024

Quant Time: Jan 29 12:32:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:27:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	133400	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	273149	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	224274	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	77715	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	74 - 125	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	86 - 113	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	0.000%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.124	85	1788	0.825	ug/l #	54
3) Chloromethane	2.365	50	3084m	1.076	ug/l	
4) Vinyl Chloride	2.512	62	2540	1.292	ug/l #	75
6) Chloroethane	3.130	64	1054m	0.877	ug/l	
7) Trichlorofluoromethane	3.494	101	3098	0.954	ug/l #	66
8) Diethyl Ether	3.959	74	1295m	0.913	ug/l	
9) 1,1,2-Trichlorotrifluo...	4.394	101	1841m	1.040	ug/l	
12) 1,1-Dichloroethene	4.347	96	1957	0.983	ug/l #	55
14) Allyl chloride	5.030	41	3913m	0.991	ug/l	
15) Acrylonitrile	5.730	53	5462m	5.279	ug/l	
16) Acetone	4.441	43	4161m	5.410	ug/l	
17) Carbon Disulfide	4.706	76	5985	0.982	ug/l #	78
18) Methyl Acetate	5.024	43	2623m	1.145	ug/l	
19) Methyl tert-butyl Ether	5.794	73	6944	1.012	ug/l #	90
20) Methylene Chloride	5.277	84	2436	1.085	ug/l #	87
21) trans-1,2-Dichloroethene	5.794	96	2323m	1.150	ug/l	
22) Diisopropyl ether	6.671	45	8527	1.145	ug/l #	75
23) Vinyl Acetate	6.606	43	26167	4.318	ug/l #	92
24) 1,1-Dichloroethane	6.565	63	4295	1.054	ug/l #	85
25) 2-Butanone	7.494	43	8458	6.084	ug/l	97
26) 2,2-Dichloropropane	7.494	77	3734m	1.048	ug/l	
27) cis-1,2-Dichloroethene	7.494	96	2572m	1.155	ug/l	
28) Bromochloromethane	7.824	49	2283	1.198	ug/l #	95
29) Tetrahydrofuran	7.835	42	5980	6.382	ug/l	96
30) Chloroform	7.977	83	4717	1.235	ug/l #	82
32) 1,1,1-Trichloroethane	8.153	97	3296m	0.969	ug/l	
36) 1,1-Dichloropropene	8.365	75	3543	1.114	ug/l #	81
37) Ethyl Acetate	7.571	43	3210m	1.041	ug/l	
38) Carbon Tetrachloride	8.365	117	2540	0.890	ug/l #	72
39) Methylcyclohexane	9.612	83	3296	1.083	ug/l #	74
40) Benzene	8.606	78	9797	1.096	ug/l #	80
41) Methacrylonitrile	7.782	41	2292	1.282	ug/l #	48
42) 1,2-Dichloroethane	8.665	62	2993	0.875	ug/l #	75
43) Isopropyl Acetate	8.682	43	6674	1.178	ug/l #	87
44) Trichloroethene	9.353	130	2394	1.183	ug/l	97
45) 1,2-Dichloropropane	9.624	63	2544	1.074	ug/l #	82

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) Dibromomethane	9.712	93	1712	1.142	ug/l	#	85
47) Bromodichloromethane	9.882	83	2995	0.900	ug/l	#	79
48) Methyl methacrylate	9.682	41	3292m	1.227	ug/l		
49) 1,4-Dioxane	9.700	88	691m	20.671	ug/l		
51) 4-Methyl-2-Pentanone	10.453	43	16165	5.288	ug/l		93
52) Toluene	10.623	92	5691	1.111	ug/l		94
53) t-1,3-Dichloropropene	10.841	75	3467	0.939	ug/l	#	79
54) cis-1,3-Dichloropropene	10.312	75	3648	0.931	ug/l	#	63
55) 1,1,2-Trichloroethane	11.018	97	2391	1.213	ug/l	#	78
56) Ethyl methacrylate	10.871	69	2647m	0.750	ug/l		
57) 1,3-Dichloropropane	11.170	76	4033	1.121	ug/l		91
58) 2-Chloroethyl Vinyl ether	10.165	63	8578	5.073	ug/l		99
59) 2-Hexanone	11.194	43	13011	5.765	ug/l		91
60) Dibromochloromethane	11.365	129	2035	1.005	ug/l		82
61) 1,2-Dibromoethane	11.465	107	1826	0.942	ug/l		83
64) Tetrachloroethene	11.106	164	1548	1.005	ug/l	#	70
65) Chlorobenzene	11.894	112	5069	1.035	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.965	131	1398	0.804	ug/l	#	45
67) Ethyl Benzene	11.965	91	9052	0.967	ug/l	#	87
68) m/p-Xylenes	12.082	106	6474	1.968	ug/l		95
69) o-Xylene	12.400	106	3309	1.029	ug/l		99
70) Styrene	12.417	104	5104	0.935	ug/l		94
71) Bromoform	12.582	173	1004	0.839	ug/l	#	100
73) Isopropylbenzene	12.694	105	7409	1.003	ug/l		94
74) N-amyl acetate	12.500	43	4928	1.111	ug/l	#	95
75) 1,1,2,2-Tetrachloroethane	12.935	83	3040	1.254	ug/l	#	79
76) 1,2,3-Trichloropropane	13.000	75	2312m	0.965	ug/l		
77) Bromobenzene	12.988	156	1868	1.190	ug/l		83
78) n-propylbenzene	13.035	91	8246	0.910	ug/l		99
79) 2-Chlorotoluene	13.135	91	6237	1.074	ug/l		88
80) 1,3,5-Trimethylbenzene	13.176	105	5595	0.908	ug/l		91
81) trans-1,4-Dichloro-2-b...	12.741	75	851	0.837	ug/l	#	54
82) 4-Chlorotoluene	13.223	91	5990	1.052	ug/l		98
83) tert-Butylbenzene	13.447	119	4641	0.943	ug/l		91
84) 1,2,4-Trimethylbenzene	13.488	105	5743	0.948	ug/l		99
85) sec-Butylbenzene	13.617	105	6685	0.956	ug/l		91
86) p-Isopropyltoluene	13.735	119	4987	0.903	ug/l		91
87) 1,3-Dichlorobenzene	13.735	146	3036	1.083	ug/l		92
88) 1,4-Dichlorobenzene	13.817	146	3272m	1.146	ug/l		
89) n-Butylbenzene	14.053	91	5032	0.945	ug/l		97
90) Hexachloroethane	14.341	117	861	0.840	ug/l	#	58
91) 1,2-Dichlorobenzene	14.117	146	2459	0.931	ug/l		95
92) 1,2-Dibromo-3-Chloropr...	14.729	75	501	0.830	ug/l	#	62
93) 1,2,4-Trichlorobenzene	15.406	180	1482	1.077	ug/l		91
94) Hexachlorobutadiene	15.505	225	724	1.096	ug/l		82
95) Naphthalene	15.641	128	5368	0.991	ug/l	#	86
96) 1,2,3-Trichlorobenzene	15.835	180	1388	1.042	ug/l		98

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

