

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011024\
 Data File : VN080662.D
 Acq On : 10 Jan 2024 15:08
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Quant Time: Jan 11 06:21:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 06:15:05 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/11/2024
 Supervised By : Mahesh Dadoda 01/11/2024

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	177506	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	354265	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	289731	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	105966	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	2.118	85	2749	0.953	ug/l	74
3) Chloromethane	2.359	50	6090	1.250	ug/l	97
4) Vinyl Chloride	2.518	62	2924	1.118	ug/l	93
6) Chloroethane	3.124	64	2407	1.392	ug/l	# 79
7) Trichlorofluoromethane	3.501	101	4212	0.975	ug/l	# 59
8) Diethyl Ether	3.965	74	2029	1.075	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.389	101	2676m	1.136	ug/l	
12) 1,1-Dichloroethene	4.336	96	3491	1.317	ug/l	85
14) Allyl chloride	5.012	41	6758	1.286	ug/l	# 48
15) Acrylonitrile	5.730	53	7519	5.462	ug/l	# 84
16) Acetone	4.430	43	3755	3.669	ug/l	96
17) Carbon Disulfide	4.706	76	9990	1.232	ug/l	96
18) Methyl Acetate	5.024	43	2105	0.691	ug/l	# 80
19) Methyl tert-butyl Ether	5.789	73	9503	1.041	ug/l	# 58
20) Methylene Chloride	5.265	84	4159	1.392	ug/l	# 77
21) trans-1,2-Dichloroethene	5.812	96	3098m	1.152	ug/l	
22) Diisopropyl ether	6.659	45	9902	1.000	ug/l	# 88
23) Vinyl Acetate	6.600	43	40752	5.083	ug/l	# 87
24) 1,1-Dichloroethane	6.571	63	6026	1.111	ug/l	# 90
25) 2-Butanone	7.494	43	10177	5.501	ug/l	97
26) 2,2-Dichloropropane	7.489	77	4974	1.049	ug/l	91
27) cis-1,2-Dichloroethene	7.489	96	2991	1.009	ug/l	70
28) Bromochloromethane	7.806	49	2848	1.123	ug/l	# 57
29) Tetrahydrofuran	7.836	42	7307	5.860	ug/l	# 55
30) Chloroform	7.965	83	5353	1.053	ug/l	# 80
32) 1,1,1-Trichloroethane	8.177	97	4917m	1.186	ug/l	
36) 1,1-Dichloropropene	8.365	75	4658	1.130	ug/l	92
37) Ethyl Acetate	7.565	43	4242	1.061	ug/l	# 84
38) Carbon Tetrachloride	8.365	117	3663	0.989	ug/l	85
39) Methylcyclohexane	9.600	83	4278	1.084	ug/l	# 79
40) Benzene	8.606	78	12022	1.037	ug/l	100
41) Methacrylonitrile	7.783	41	2242m	0.977	ug/l	
42) 1,2-Dichloroethane	8.677	62	4228	0.953	ug/l	84
43) Isopropyl Acetate	8.688	43	7483	1.018	ug/l	# 86
44) Trichloroethene	9.359	130	2884	1.099	ug/l	70
45) 1,2-Dichloropropane	9.624	63	3112	1.013	ug/l	# 82

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.706	93	2020	1.039	ug/l	89
47) Bromodichloromethane	9.888	83	5109	1.184	ug/l #	67
48) Methyl methacrylate	9.683	41	3474	0.998	ug/l #	92
49) 1,4-Dioxane	9.694	88	867	19.998	ug/l #	44
51) 4-Methyl-2-Pentanone	10.447	43	20066	5.061	ug/l #	85
52) Toluene	10.630	92	6587	0.992	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	4413	0.921	ug/l #	84
54) cis-1,3-Dichloropropene	10.312	75	5178	1.019	ug/l #	72
55) 1,1,2-Trichloroethane	11.024	97	2632	1.030	ug/l	94
56) Ethyl methacrylate	10.877	69	4872	1.064	ug/l #	53
57) 1,3-Dichloropropane	11.159	76	4352	0.933	ug/l	89
58) 2-Chloroethyl Vinyl ether	10.165	63	10100	4.606	ug/l	90
59) 2-Hexanone	11.194	43	14440	4.934	ug/l	83
60) Dibromochloromethane	11.365	129	2694	1.025	ug/l	96
61) 1,2-Dibromoethane	11.471	107	2363	0.940	ug/l #	80
64) Tetrachloroethene	11.106	164	2204	1.108	ug/l #	59
65) Chlorobenzene	11.888	112	6668	1.053	ug/l #	84
66) 1,1,1,2-Tetrachloroethane	11.965	131	2163	0.962	ug/l #	60
67) Ethyl Benzene	11.965	91	11821	0.978	ug/l	97
68) m/p-Xylenes	12.071	106	7970	1.876	ug/l #	66
69) o-Xylene	12.400	106	3888	0.936	ug/l	70
70) Styrene	12.412	104	6839	0.969	ug/l #	86
71) Bromoform	12.582	173	1512	0.978	ug/l #	91
73) Isopropylbenzene	12.694	105	10013	0.994	ug/l	100
74) N-amyl acetate	12.494	43	6288	1.040	ug/l #	76
75) 1,1,2,2-Tetrachloroethane	12.941	83	3450	1.044	ug/l #	90
76) 1,2,3-Trichloropropane	12.994	75	3715m	1.116	ug/l	
77) Bromobenzene	12.976	156	2349	1.098	ug/l	59
78) n-propylbenzene	13.041	91	12379	1.001	ug/l	93
79) 2-Chlorotoluene	13.129	91	9008	1.137	ug/l	85
80) 1,3,5-Trimethylbenzene	13.171	105	8407	1.001	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	1382	0.996	ug/l #	70
82) 4-Chlorotoluene	13.223	91	8664	1.116	ug/l	93
83) tert-Butylbenzene	13.435	119	6904	1.028	ug/l	85
84) 1,2,4-Trimethylbenzene	13.482	105	7948	0.963	ug/l	97
85) sec-Butylbenzene	13.618	105	9992	1.048	ug/l	97
86) p-Isopropyltoluene	13.735	119	7889	1.047	ug/l	88
87) 1,3-Dichlorobenzene	13.735	146	4123	1.079	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	4596m	1.180	ug/l	
89) n-Butylbenzene	14.059	91	7182	0.989	ug/l	92
90) Hexachloroethane	14.329	117	1431	1.024	ug/l	74
91) 1,2-Dichlorobenzene	14.106	146	3633	1.009	ug/l	81
92) 1,2-Dibromo-3-Chloropr...	14.723	75	1164	1.174	ug/l #	42
93) 1,2,4-Trichlorobenzene	15.400	180	1734	0.924	ug/l	91
94) Hexachlorobutadiene	15.500	225	1213	1.347	ug/l	77
95) Naphthalene	15.635	128	8025	1.087	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.847	180	1831	1.008	ug/l	87

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

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