

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110123\
 Data File : VN079766.D
 Acq On : 01 Nov 2023 12:26
 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 11/02/2023
 Supervised By :Mahesh Dadoda 11/02/2023

Quant Time: Nov 02 05:31:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:25:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	290967	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	519392	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	453881	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	182939	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	3105	0.886	ug/l	99
3) Chloromethane	2.359	50	6217	0.744	ug/l	97
4) Vinyl Chloride	2.512	62	4592	1.001	ug/l #	19
6) Chloroethane	3.124	64	4319m	1.187	ug/l	
7) Trichlorofluoromethane	3.495	101	5520	0.967	ug/l	89
8) Diethyl Ether	3.953	74	1905m	0.880	ug/l	
9) 1,1,2-Trichlorotrifluo...	4.377	101	3529	1.067	ug/l #	73
14) Allyl chloride	5.024	41	3723	0.776	ug/l #	43
15) Acrylonitrile	5.730	53	9054	5.134	ug/l #	50
16) Acetone	4.436	43	9196	5.906	ug/l #	74
17) Carbon Disulfide	4.718	76	9863	1.092	ug/l #	90
18) Methyl Acetate	5.036	43	8622	1.157	ug/l #	88
22) Diisopropyl ether	6.677	45	9741	0.876	ug/l #	84
26) 2,2-Dichloropropane	7.488	77	5250	0.940	ug/l	93
27) cis-1,2-Dichloroethene	7.488	96	4514	1.080	ug/l	84
28) Bromochloromethane	7.812	49	3465	1.052	ug/l #	79
29) Tetrahydrofuran	7.847	42	6989	4.711	ug/l #	58
32) 1,1,1-Trichloroethane	8.183	97	5985	1.001	ug/l #	52
36) 1,1-Dichloropropene	8.371	75	5390	1.027	ug/l	95
37) Ethyl Acetate	7.559	43	4574	0.950	ug/l #	73
38) Carbon Tetrachloride	8.365	117	5349	1.011	ug/l #	90
41) Methacrylonitrile	7.783	41	2206	0.863	ug/l #	79
42) 1,2-Dichloroethane	8.671	62	5458	0.994	ug/l	87
43) Isopropyl Acetate	8.694	43	8886	1.053	ug/l #	82
46) Dibromomethane	9.712	93	2582	0.941	ug/l	97
48) Methyl methacrylate	9.694	41	3527	0.954	ug/l #	72
49) 1,4-Dioxane	9.694	88	1087	16.637	ug/l	94
51) 4-Methyl-2-Pentanone	10.447	43	19619	4.128	ug/l #	86
52) Toluene	10.635	92	8074	0.866	ug/l	86
56) Ethyl methacrylate	10.876	69	4411	0.825	ug/l #	85
57) 1,3-Dichloropropane	11.159	76	6168	0.933	ug/l	92
58) 2-Chloroethyl Vinyl ether	10.159	63	11373	4.197	ug/l	99
59) 2-Hexanone	11.200	43	15432	4.244	ug/l	81
60) Dibromochloromethane	11.359	129	3700	0.922	ug/l	97
61) 1,2-Dibromoethane	11.476	107	3443	0.915	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.970	131	3488	0.983	ug/l #	64

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

68) m/p-Xylenes	12.070	106	11421	1.787	ug/l	96
69) o-Xylene	12.400	106	5444	0.885	ug/l	96
70) Styrene	12.418	104	7598	0.768	ug/l	94
71) Bromoform	12.576	173	2036	0.808	ug/l #	95
73) Isopropylbenzene	12.694	105	11856	0.854	ug/l	97
74) N-amyl acetate	12.500	43	5377	0.887	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.935	83	5087	1.033	ug/l #	28
76) 1,2,3-Trichloropropane	13.000	75	4437m	1.034	ug/l	
77) Bromobenzene	12.988	156	3206	0.943	ug/l	92
78) n-propylbenzene	13.041	91	13286	0.836	ug/l	100
79) 2-Chlorotoluene	13.129	91	9725	0.957	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	8722	0.807	ug/l	94
82) 4-Chlorotoluene	13.229	91	8871	0.879	ug/l	100
83) tert-Butylbenzene	13.441	119	6807	0.770	ug/l	88
84) 1,2,4-Trimethylbenzene	13.488	105	8024	0.755	ug/l	91
85) sec-Butylbenzene	13.617	105	9472	0.773	ug/l	91
86) p-Isopropyltoluene	13.735	119	7713	0.772	ug/l	97
87) 1,3-Dichlorobenzene	13.741	146	6231	0.985	ug/l	93
88) 1,4-Dichlorobenzene	13.812	146	7005m	1.091	ug/l	
89) n-Butylbenzene	14.059	91	7735	0.899	ug/l	94
90) Hexachloroethane	14.335	117	2187	1.106	ug/l	81
91) 1,2-Dichlorobenzene	14.106	146	5849	0.980	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.711	75	672	0.805	ug/l	61
93) 1,2,4-Trichlorobenzene	15.394	180	2956	1.041	ug/l	87
94) Hexachlorobutadiene	15.500	225	1446	1.124	ug/l	89
95) Naphthalene	15.647	128	10260	1.066	ug/l	96
96) 1,2,3-Trichlorobenzene	15.847	180	2695	0.969	ug/l	84

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

