

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040523\
 Data File : VN077264.D
 Acq On : 05 Apr 2023 16:28
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Quant Time: Apr 05 20:44:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 05 20:43:03 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/06/2023
 Supervised By : Mahesh Dadoda 04/06/2023

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	502715	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	954576	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	810202	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	295989	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	2.137	85	6886	1.059	ug/l	87
3) Chloromethane	2.372	50	9572	1.197	ug/l	94
4) Vinyl Chloride	2.525	62	10847	0.992	ug/l	91
6) Chloroethane	3.137	64	6763	0.932	ug/l	100
7) Trichlorofluoromethane	3.513	101	8923	0.953	ug/l #	81
8) Diethyl Ether	3.960	74	4147	1.054	ug/l	61
9) 1,1,2-Trichlorotrifluo...	4.372	101	5399	0.966	ug/l #	62
12) 1,1-Dichloroethene	4.348	96	7194	1.194	ug/l #	76
14) Allyl chloride	5.037	41	8413m	0.997	ug/l	
15) Acrylonitrile	5.725	53	15863	5.089	ug/l	90
16) Acetone	4.448	43	13279	5.357	ug/l	89
17) Carbon Disulfide	4.725	76	17961	1.087	ug/l #	88
18) Methyl Acetate	5.043	43	9339	0.964	ug/l #	88
19) Methyl tert-butyl Ether	5.807	73	20369	0.976	ug/l #	89
20) Methylene Chloride	5.301	84	10376m	1.393	ug/l	
21) trans-1,2-Dichloroethene	5.801	96	7809	1.165	ug/l #	74
22) Diisopropyl ether	6.678	45	16465	0.928	ug/l	93
23) Vinyl Acetate	6.619	43	54095	4.451	ug/l	96
24) 1,1-Dichloroethane	6.584	63	11281m	0.978	ug/l	
25) 2-Butanone	7.501	43	20165	4.964	ug/l	90
26) 2,2-Dichloropropane	7.489	77	12085	1.107	ug/l	95
27) cis-1,2-Dichloroethene	7.495	96	8434	1.069	ug/l	94
28) Bromochloromethane	7.813	49	5087	1.101	ug/l #	99
29) Tetrahydrofuran	7.848	42	13833	5.156	ug/l	94
30) Chloroform	7.966	83	13554	1.081	ug/l	99
32) 1,1,1-Trichloroethane	8.178	97	11459	1.027	ug/l #	45
36) 1,1-Dichloropropene	8.383	75	9287	1.016	ug/l #	89
37) Ethyl Acetate	7.572	43	6817	0.856	ug/l #	82
38) Carbon Tetrachloride	8.366	117	9840	1.038	ug/l #	74
39) Methylcyclohexane	9.607	83	12954	1.047	ug/l	91
40) Benzene	8.613	78	28435	1.000	ug/l	93
41) Methacrylonitrile	7.789	41	4946	1.119	ug/l #	77
42) 1,2-Dichloroethane	8.678	62	8281	0.953	ug/l	96
43) Isopropyl Acetate	8.689	43	15441	1.031	ug/l	98
44) Trichloroethene	9.360	130	6936	1.010	ug/l	98
45) 1,2-Dichloropropane	9.625	63	6883	0.995	ug/l	95

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Manual Integrations APPROVED

Reviewed By : John Carlone 04/06/2023
 Supervised By : Mahesh Dadoda 04/06/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.719	93	4764	0.949	ug/l #	83
47) Bromodichloromethane	9.889	83	10451	1.035	ug/l #	89
48) Methyl methacrylate	9.689	41	5623	0.893	ug/l	93
49) 1,4-Dioxane	9.701	88	3617	22.575	ug/l #	77
51) 4-Methyl-2-Pentanone	10.448	43	39258	4.532	ug/l	100
52) Toluene	10.630	92	17257	0.930	ug/l	94
53) t-1,3-Dichloropropene	10.836	75	10314	0.929	ug/l	99
54) cis-1,3-Dichloropropene	10.319	75	11168	0.946	ug/l	95
55) 1,1,2-Trichloroethane	11.013	97	7518	1.027	ug/l #	72
56) Ethyl methacrylate	10.877	69	11630	1.008	ug/l #	81
57) 1,3-Dichloropropane	11.160	76	11238	0.942	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.160	63	13337	4.079	ug/l	99
59) 2-Hexanone	11.201	43	30072	4.672	ug/l	98
60) Dibromochloromethane	11.366	129	7014	0.934	ug/l	93
61) 1,2-Dibromoethane	11.471	107	7064	0.971	ug/l	93
64) Tetrachloroethene	11.113	164	5811	1.116	ug/l #	78
65) Chlorobenzene	11.895	112	18862	1.024	ug/l #	76
66) 1,1,1,2-Tetrachloroethane	11.966	131	6223	0.944	ug/l #	56
67) Ethyl Benzene	11.966	91	32942	0.987	ug/l	89
68) m/p-Xylenes	12.077	106	24014	1.852	ug/l	95
69) o-Xylene	12.401	106	12416	0.959	ug/l	95
70) Styrene	12.418	104	18112	0.879	ug/l	98
71) Bromoform	12.583	173	4503	0.933	ug/l #	96
73) Isopropylbenzene	12.701	105	29947	1.035	ug/l	97
74) N-amyl acetate	12.495	43	11629	1.075	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.942	83	10130	1.105	ug/l	93
76) 1,2,3-Trichloropropane	12.995	75	7862m	1.112	ug/l	
77) Bromobenzene	12.989	156	5988	1.014	ug/l	96
78) n-propylbenzene	13.036	91	31594	0.997	ug/l	95
79) 2-Chlorotoluene	13.124	91	20078	1.041	ug/l	97
80) 1,3,5-Trimethylbenzene	13.183	105	21084	0.915	ug/l	91
82) 4-Chlorotoluene	13.230	91	19810	1.077	ug/l	91
83) tert-Butylbenzene	13.436	119	21025	1.022	ug/l	97
84) 1,2,4-Trimethylbenzene	13.489	105	18543	0.831	ug/l	97
85) sec-Butylbenzene	13.618	105	29063	1.005	ug/l	99
86) p-Isopropyltoluene	13.736	119	20059	0.892	ug/l	92
87) 1,3-Dichlorobenzene	13.742	146	11480	1.034	ug/l	98
88) 1,4-Dichlorobenzene	13.813	146	11387m	1.053	ug/l	
89) n-Butylbenzene	14.065	91	18047	0.963	ug/l	99
90) Hexachloroethane	14.336	117	4734	0.972	ug/l	94
91) 1,2-Dichlorobenzene	14.107	146	11190	1.021	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.718	75	1684	0.999	ug/l	97
93) 1,2,4-Trichlorobenzene	15.371	180	4006	0.983	ug/l	94
94) Hexachlorobutadiene	15.465	225	2298	1.032	ug/l	95
95) Naphthalene	15.589	128	11569	0.771	ug/l #	88
96) 1,2,3-Trichlorobenzene	15.765	180	3396	0.886	ug/l	94

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

