

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040523\
 Data File : VN077254.D
 Acq On : 05 Apr 2023 10:51
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Quant Time: Apr 06 08:23:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 06 08:20:18 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	8.236	168	519434	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	988803	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	821022	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	294636	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	2.131	85	6574	0.992	ug/l	97
3) Chloromethane	2.372	50	9601	1.169	ug/l #	83
4) Vinyl Chloride	2.525	62	10244	0.920	ug/l	91
6) Chloroethane	3.125	64	9689	1.219	ug/l	91
7) Trichlorofluoromethane	3.507	101	9103	0.942	ug/l	98
8) Diethyl Ether	3.972	74	4169	1.030	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.378	101	6398	1.082	ug/l #	89
12) 1,1-Dichloroethene	4.354	96	6576	1.081	ug/l #	83
14) Allyl chloride	5.037	41	11752	1.279	ug/l #	53
15) Acrylonitrile	5.743	53	15846	4.948	ug/l	96
16) Acetone	4.454	43	15411	5.888	ug/l #	84
17) Carbon Disulfide	4.725	76	14532	0.886	ug/l #	91
18) Methyl Acetate	5.048	43	9396	0.943	ug/l	98
19) Methyl tert-butyl Ether	5.807	73	21186	0.981	ug/l #	75
20) Methylene Chloride	5.295	84	8642	1.169	ug/l	97
21) trans-1,2-Dichloroethene	5.795	96	6482	0.973	ug/l #	62
22) Diisopropyl ether	6.684	45	17549	0.952	ug/l #	80
23) Vinyl Acetate	6.613	43	52888	4.245	ug/l	94
24) 1,1-Dichloroethane	6.584	63	11563	0.972	ug/l	98
25) 2-Butanone	7.501	43	22371	5.266	ug/l #	88
26) 2,2-Dichloropropane	7.501	77	10283m	0.943	ug/l	
27) cis-1,2-Dichloroethene	7.495	96	8614	1.059	ug/l	91
28) Bromochloromethane	7.819	49	5333	1.114	ug/l #	92
29) Tetrahydrofuran	7.848	42	13062	4.783	ug/l	95
30) Chloroform	7.972	83	12391	0.977	ug/l	84
32) 1,1,1-Trichloroethane	8.184	97	11871	1.029	ug/l #	47
36) 1,1-Dichloropropene	8.378	75	8964	0.957	ug/l	93
37) Ethyl Acetate	7.578	43	7839	0.936	ug/l #	86
38) Carbon Tetrachloride	8.372	117	8851	0.923	ug/l #	77
39) Methylcyclohexane	9.613	83	12257	0.971	ug/l	94
40) Benzene	8.613	78	27978	0.958	ug/l #	90
41) Methacrylonitrile	7.789	41	4678	1.039	ug/l	89
42) 1,2-Dichloroethane	8.678	62	8494	0.945	ug/l #	72
43) Isopropyl Acetate	8.695	43	15690	1.015	ug/l #	64
44) Trichloroethene	9.366	130	6439	0.922	ug/l	87
45) 1,2-Dichloropropane	9.625	63	5736	0.827	ug/l #	66

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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	9.713	93	5091	0.974	ug/l	94
47) Bromodichloromethane	9.889	83	10752	1.029	ug/l	97
48) Methyl methacrylate	9.689	41	6253	0.948	ug/l #	78
49) 1,4-Dioxane	9.707	88	3014	18.854	ug/l #	72
51) 4-Methyl-2-Pentanone	10.448	43	39514	4.423	ug/l	98
52) Toluene	10.636	92	17247	0.902	ug/l	100
53) t-1,3-Dichloropropene	10.836	75	9705	0.856	ug/l	89
54) cis-1,3-Dichloropropene	10.313	75	10647	0.881	ug/l #	79
55) 1,1,2-Trichloroethane	11.013	97	7326	0.976	ug/l	91
56) Ethyl methacrylate	10.878	69	10449	0.894	ug/l #	83
57) 1,3-Dichloropropane	11.166	76	11886	0.959	ug/l	93
58) 2-Chloroethyl Vinyl ether	10.166	63	16578	4.765	ug/l	97
59) 2-Hexanone	11.201	43	30809	4.629	ug/l	96
60) Dibromochloromethane	11.366	129	6980	0.903	ug/l	95
61) 1,2-Dibromoethane	11.472	107	7047	0.941	ug/l	88
64) Tetrachloroethene	11.107	164	4649	0.917	ug/l	94
65) Chlorobenzene	11.895	112	15609	0.864	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.966	131	7262	1.062	ug/l #	60
67) Ethyl Benzene	11.966	91	30571	0.917	ug/l	95
68) m/p-Xylenes	12.083	106	23958	1.828	ug/l	88
69) o-Xylene	12.401	106	11412	0.883	ug/l	82
70) Styrene	12.419	104	17874	0.859	ug/l	97
71) Bromoform	12.583	173	4096	0.851	ug/l #	81
73) Isopropylbenzene	12.701	105	28743	1.004	ug/l	95
74) N-amyl acetate	12.495	43	12061	1.112	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	12.936	83	9218	1.026	ug/l	82
76) 1,2,3-Trichloropropane	12.995	75	6767m	0.964	ug/l	
77) Bromobenzene	12.983	156	5588	0.960	ug/l	88
78) n-propylbenzene	13.042	91	31812	1.006	ug/l	97
79) 2-Chlorotoluene	13.130	91	19012	0.999	ug/l	97
80) 1,3,5-Trimethylbenzene	13.177	105	20557	0.899	ug/l	98
82) 4-Chlorotoluene	13.224	91	17588	0.980	ug/l	93
83) tert-Butylbenzene	13.442	119	20079	0.987	ug/l	96
84) 1,2,4-Trimethylbenzene	13.489	105	20696	0.917	ug/l	96
85) sec-Butylbenzene	13.624	105	26362	0.930	ug/l	99
86) p-Isopropyltoluene	13.736	119	19320	0.867	ug/l	97
87) 1,3-Dichlorobenzene	13.742	146	9728	0.904	ug/l	92
88) 1,4-Dichlorobenzene	13.813	146	10524m	0.990	ug/l	
89) n-Butylbenzene	14.066	91	17037	0.921	ug/l	97
90) Hexachloroethane	14.342	117	4867	0.999	ug/l	99
91) 1,2-Dichlorobenzene	14.107	146	10310	0.957	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.724	75	1817	1.068	ug/l	84
93) 1,2,4-Trichlorobenzene	15.365	180	2981	0.767	ug/l	95
94) Hexachlorobutadiene	15.471	225	2494	1.108	ug/l	91
95) Naphthalene	15.589	128	9475	0.649	ug/l	97
96) 1,2,3-Trichlorobenzene	15.754	180	2796	0.752	ug/l	93

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

