

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051523\
 Data File : VN077679.D
 Acq On : 15 May 2023 20:06
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Quant Time: May 16 02:55:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 02:54:55 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 05/16/2023
 Supervised By :Mahesh Dadoda 05/16/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	347549	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	648648	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	556828	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	210407	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	2.130	85	3551	0.898	ug/l	81
3) Chloromethane	2.365	50	6025	1.271	ug/l #	78
4) Vinyl Chloride	2.512	62	4766	0.956	ug/l	100
6) Chloroethane	3.130	64	3567m	0.990	ug/l	
7) Trichlorofluoromethane	3.501	101	6745	0.971	ug/l #	68
8) Diethyl Ether	3.977	74	2680	1.056	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.377	101	3535m	0.919	ug/l	
12) 1,1-Dichloroethene	4.348	96	3504	0.959	ug/l #	86
14) Allyl chloride	5.036	41	5330m	0.990	ug/l	
15) Acrylonitrile	5.724	53	10258	5.350	ug/l	98
16) Acetone	4.442	43	9893m	6.008	ug/l	
17) Carbon Disulfide	4.718	76	11479	1.165	ug/l #	94
18) Methyl Acetate	5.030	43	7511	1.094	ug/l #	63
19) Methyl tert-butyl Ether	5.806	73	13370	1.010	ug/l	93
20) Methylene Chloride	5.289	84	6402	1.306	ug/l #	80
21) trans-1,2-Dichloroethene	5.800	96	4307	1.049	ug/l #	85
22) Diisopropyl ether	6.671	45	12879	1.023	ug/l #	87
23) Vinyl Acetate	6.612	43	37468	4.804	ug/l #	86
24) 1,1-Dichloroethane	6.571	63	7700	0.999	ug/l #	81
25) 2-Butanone	7.494	43	14080	5.502	ug/l	96
26) 2,2-Dichloropropane	7.500	77	5501	0.840	ug/l	89
27) cis-1,2-Dichloroethene	7.494	96	4879	0.991	ug/l	85
28) Bromochloromethane	7.824	49	3623	1.086	ug/l #	85
29) Tetrahydrofuran	7.853	42	9689	5.782	ug/l #	80
30) Chloroform	7.977	83	9409	1.109	ug/l #	81
32) 1,1,1-Trichloroethane	8.189	97	6824	0.946	ug/l #	49
36) 1,1-Dichloropropene	8.371	75	6025	0.974	ug/l	86
37) Ethyl Acetate	7.571	43	6948	1.260	ug/l #	71
38) Carbon Tetrachloride	8.365	117	5778	0.925	ug/l	89
39) Methylcyclohexane	9.612	83	7133	0.942	ug/l #	82
40) Benzene	8.612	78	17879	0.979	ug/l	93
41) Methacrylonitrile	7.794	41	3328	1.133	ug/l #	70
42) 1,2-Dichloroethane	8.683	62	7272	1.097	ug/l	99
43) Isopropyl Acetate	8.700	43	9823	1.091	ug/l #	95
44) Trichloroethene	9.353	130	4577	0.990	ug/l	96
45) 1,2-Dichloropropane	9.630	63	4632	0.995	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.712	93	3701	1.111	ug/l	90
47) Bromodichloromethane	9.894	83	6069	0.951	ug/l #	97
48) Methyl methacrylate	9.688	41	4437	1.039	ug/l	88
49) 1,4-Dioxane	9.706	88	1537m	19.054	ug/l	
51) 4-Methyl-2-Pentanone	10.447	43	26835	5.012	ug/l	88
52) Toluene	10.641	92	10677	0.939	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	6178	0.914	ug/l #	80
54) cis-1,3-Dichloropropene	10.312	75	7510	1.009	ug/l #	78
55) 1,1,2-Trichloroethane	11.018	97	4584	1.016	ug/l	97
56) Ethyl methacrylate	10.877	69	6603	0.968	ug/l #	81
57) 1,3-Dichloropropane	11.171	76	7723	0.998	ug/l	94
58) 2-Chloroethyl Vinyl ether	10.159	63	16382	4.880	ug/l	91
59) 2-Hexanone	11.206	43	19721	4.980	ug/l	88
60) Dibromochloromethane	11.365	129	4419	0.949	ug/l	96
61) 1,2-Dibromoethane	11.471	107	4071	0.904	ug/l	85
64) Tetrachloroethene	11.106	164	4358	1.119	ug/l #	78
65) Chlorobenzene	11.900	112	12478	1.034	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.965	131	3807	0.911	ug/l #	62
67) Ethyl Benzene	11.971	91	19544	0.903	ug/l	98
68) m/p-Xylenes	12.082	106	14953	1.824	ug/l	93
69) o-Xylene	12.412	106	7539	0.935	ug/l	96
70) Styrene	12.418	104	11130	0.869	ug/l	88
71) Bromoform	12.582	173	2348	0.845	ug/l #	81
73) Isopropylbenzene	12.700	105	16730	0.922	ug/l	99
74) N-amyl acetate	12.506	43	7682	1.146	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.947	83	6394	1.146	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	6053m	1.191	ug/l	
77) Bromobenzene	12.988	156	4843	1.170	ug/l	95
78) n-propylbenzene	13.047	91	21120	0.988	ug/l	98
79) 2-Chlorotoluene	13.135	91	12625	0.989	ug/l	95
80) 1,3,5-Trimethylbenzene	13.182	105	14448	0.948	ug/l	98
82) 4-Chlorotoluene	13.223	91	13332	1.050	ug/l	89
83) tert-Butylbenzene	13.441	119	12472	0.937	ug/l	93
84) 1,2,4-Trimethylbenzene	13.488	105	13458	0.898	ug/l	96
85) sec-Butylbenzene	13.623	105	17209	0.910	ug/l	98
86) p-Isopropyltoluene	13.741	119	13224	0.877	ug/l	91
87) 1,3-Dichlorobenzene	13.741	146	8634	1.128	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	8452m	1.113	ug/l	
89) n-Butylbenzene	14.059	91	12739	0.919	ug/l	94
90) Hexachloroethane	14.335	117	1859	0.751	ug/l	75
91) 1,2-Dichlorobenzene	14.118	146	6530	0.913	ug/l	79
92) 1,2-Dibromo-3-Chloropr...	14.717	75	1262	1.168	ug/l #	66
93) 1,2,4-Trichlorobenzene	15.406	180	4912	1.175	ug/l	97
94) Hexachlorobutadiene	15.517	225	1840	1.061	ug/l	98
95) Naphthalene	15.653	128	16952	1.179	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	4431	1.083	ug/l	92

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

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