

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060623\
 Data File : VN078084.D
 Acq On : 06 Jun 2023 23:22
 Operator : JC\MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Quant Time: Jun 07 04:33:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 04:32:59 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/07/2023
 Supervised By : Mahesh Dadoda 06/07/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	429302	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	785661	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	641552	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	186602	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	2.136	85	6000	1.236	ug/l	99
3) Chloromethane	2.371	50	7301	1.392	ug/l #	85
4) Vinyl Chloride	2.524	62	7464	1.175	ug/l	97
6) Chloroethane	3.136	64	5380	1.242	ug/l #	82
7) Trichlorofluoromethane	3.518	101	10312	1.197	ug/l	92
8) Diethyl Ether	3.965	74	3555	1.174	ug/l	64
9) 1,1,2-Trichlorotrifluo...	4.377	101	5047	1.110	ug/l #	76
12) 1,1-Dichloroethene	4.360	96	5670m	1.329	ug/l	
14) Allyl chloride	5.024	41	6020	1.052	ug/l #	79
15) Acrylonitrile	5.742	53	10447	5.127	ug/l #	83
16) Acetone	4.460	43	10105	6.133	ug/l #	77
17) Carbon Disulfide	4.718	76	14574	1.208	ug/l #	89
18) Methyl Acetate	5.036	43	9532	1.257	ug/l #	78
19) Methyl tert-butyl Ether	5.795	73	15583m	1.042	ug/l	
20) Methylene Chloride	5.295	84	6659	1.223	ug/l #	87
21) trans-1,2-Dichloroethene	5.801	96	5565	1.101	ug/l #	80
22) Diisopropyl ether	6.689	45	14323	1.064	ug/l	97
23) Vinyl Acetate	6.618	43	39327	4.915	ug/l #	84
24) 1,1-Dichloroethane	6.583	63	9566	1.077	ug/l	98
25) 2-Butanone	7.506	43	12587	4.968	ug/l #	72
26) 2,2-Dichloropropane	7.489	77	6777	1.034	ug/l	91
27) cis-1,2-Dichloroethene	7.500	96	7113	1.179	ug/l	93
28) Bromochloromethane	7.818	49	4242	1.040	ug/l #	97
29) Tetrahydrofuran	7.848	42	9271	5.474	ug/l #	83
30) Chloroform	7.977	83	10351	1.083	ug/l	92
32) 1,1,1-Trichloroethane	8.177	97	7950	0.947	ug/l #	44
36) 1,1-Dichloropropene	8.371	75	7075	0.993	ug/l #	92
37) Ethyl Acetate	7.571	43	5651	1.015	ug/l #	89
38) Carbon Tetrachloride	8.365	117	7759	1.031	ug/l #	95
39) Methylcyclohexane	9.612	83	7576	1.026	ug/l	92
40) Benzene	8.612	78	21705	1.020	ug/l #	89
41) Methacrylonitrile	7.795	41	3442	1.141	ug/l #	67
42) 1,2-Dichloroethane	8.677	62	7962	1.092	ug/l	91
43) Isopropyl Acetate	8.706	43	12816	1.204	ug/l #	55
44) Trichloroethene	9.353	130	6112	1.088	ug/l	93
45) 1,2-Dichloropropane	9.624	63	5357	1.012	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.712	93	4316	1.107	ug/l	97
47) Bromodichloromethane	9.889	83	6657	0.919	ug/l	93
48) Methyl methacrylate	9.689	41	4349	0.973	ug/l #	89
49) 1,4-Dioxane	9.706	88	2225	23.696	ug/l #	86
51) 4-Methyl-2-Pentanone	10.453	43	28400	5.066	ug/l	94
52) Toluene	10.636	92	13741	1.023	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	7251	0.961	ug/l #	78
54) cis-1,3-Dichloropropene	10.324	75	7956	0.954	ug/l #	88
55) 1,1,2-Trichloroethane	11.024	97	4422	0.870	ug/l #	64
56) Ethyl methacrylate	10.877	69	6574	0.889	ug/l #	86
57) 1,3-Dichloropropane	11.171	76	8109	0.946	ug/l #	86
58) 2-Chloroethyl Vinyl ether	10.165	63	12187	4.078	ug/l	98
59) 2-Hexanone	11.206	43	18353	4.702	ug/l	93
60) Dibromochloromethane	11.365	129	5385	0.969	ug/l	94
61) 1,2-Dibromoethane	11.471	107	5359	1.005	ug/l	92
64) Tetrachloroethene	11.106	164	5003	1.169	ug/l #	64
65) Chlorobenzene	11.900	112	14708	1.071	ug/l	90
66) 1,1,1,2-Tetrachloroethane	11.971	131	5247	1.038	ug/l #	62
67) Ethyl Benzene	11.971	91	23149	0.976	ug/l	95
68) m/p-Xylenes	12.071	106	17701	1.959	ug/l	98
69) o-Xylene	12.406	106	8274	0.933	ug/l	85
70) Styrene	12.418	104	12920	0.925	ug/l	95
71) Bromoform	12.588	173	2992	0.917	ug/l #	96
73) Isopropylbenzene	12.700	105	19922	1.129	ug/l	98
74) N-amyl acetate	12.500	43	6672	1.148	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.947	83	6779	1.211	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	5285m	1.193	ug/l	
77) Bromobenzene	12.982	156	4386	1.071	ug/l	79
78) n-propylbenzene	13.041	91	20952	1.093	ug/l	96
79) 2-Chlorotoluene	13.130	91	15072	1.218	ug/l	98
80) 1,3,5-Trimethylbenzene	13.182	105	16130	1.129	ug/l	95
82) 4-Chlorotoluene	13.230	91	13257	1.148	ug/l	97
83) tert-Butylbenzene	13.441	119	14295	1.151	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	14501	1.047	ug/l	97
85) sec-Butylbenzene	13.624	105	17989	1.107	ug/l	90
86) p-Isopropyltoluene	13.735	119	13638	1.034	ug/l	92
87) 1,3-Dichlorobenzene	13.735	146	8036	1.160	ug/l	93
88) 1,4-Dichlorobenzene	13.818	146	7676m	1.148	ug/l	
89) n-Butylbenzene	14.059	91	10940	1.052	ug/l	95
90) Hexachloroethane	14.335	117	2568	1.097	ug/l	83
91) 1,2-Dichlorobenzene	14.118	146	7463	1.102	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	900	1.030	ug/l	70
93) 1,2,4-Trichlorobenzene	15.388	180	2090	0.866	ug/l #	18
94) Hexachlorobutadiene	15.506	225	1787	1.274	ug/l #	66
95) Naphthalene	15.653	128	7398	0.912	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.847	180	2858	1.059	ug/l	87

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

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