

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060822\
 Data File : VN072702.D
 Acq On : 08 Jun 2022 16:14
 Operator : JC\MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Quant Time: Jun 09 04:22:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060822W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 04:20:11 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 06/09/2022
 Supervised By :Mahesh Dadoda 06/09/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	161569	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	291511	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	287775	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	113111	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	61 - 141	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	69 - 133	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	65 - 126	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	58 - 135	Recovery	=	0.000%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.069	85	2863	1.667	ug/l	89
3) Chloromethane	2.299	50	3973	1.750	ug/l #	85
4) Vinyl Chloride	2.434	62	3269	1.899	ug/l	93
6) Chloroethane	3.004	64	2201	1.666	ug/l #	85
7) Trichlorofluoromethane	3.363	101	5346	1.863	ug/l #	77
8) Diethyl Ether	3.828	74	1998	1.925	ug/l	70
9) 1,1,2-Trichlorotrifluo...	4.193	101	2781m	1.638	ug/l	
12) 1,1-Dichloroethene	4.175	96	2591	1.652	ug/l	83
14) Allyl chloride	4.834	41	6130	1.985	ug/l #	79
15) Acrylonitrile	5.551	53	10831	8.426	ug/l	97
16) Acetone	4.293	43	11424	10.336	ug/l	97
17) Carbon Disulfide	4.522	76	7236	1.848	ug/l	98
18) Methyl Acetate	4.846	43	6399	1.850	ug/l #	87
19) Methyl tert-butyl Ether	5.622	73	10995	1.856	ug/l #	87
20) Methylene Chloride	5.087	84	4341	1.976	ug/l #	80
21) trans-1,2-Dichloroethene	5.593	96	2988	1.757	ug/l #	78
22) Diisopropyl ether	6.487	45	11575	1.787	ug/l #	88
23) Vinyl Acetate	6.428	43	50219	8.937	ug/l	95
24) 1,1-Dichloroethane	6.392	63	5760	1.659	ug/l #	82
25) 2-Butanone	7.339	43	18731	10.273	ug/l	89
26) 2,2-Dichloropropane	7.322	77	6352	2.299	ug/l	91
27) cis-1,2-Dichloroethene	7.322	96	3549	1.638	ug/l	71
28) Bromochloromethane	7.657	49	2602	1.732	ug/l #	72
29) Tetrahydrofuran	7.687	42	11151	9.897	ug/l #	86
30) Chloroform	7.810	83	6442	1.765	ug/l	87
32) 1,1,1-Trichloroethane	8.004	97	5223	1.683	ug/l #	50
36) 1,1-Dichloropropene	8.222	75	4358	1.501	ug/l #	89
37) Ethyl Acetate	7.410	43	7170	1.790	ug/l #	88
38) Carbon Tetrachloride	8.204	117	4294	1.392	ug/l #	80
39) Methylcyclohexane	9.457	83	4950	1.414	ug/l	95
40) Benzene	8.451	78	13068	1.411	ug/l	93
41) Methacrylonitrile	7.628	41	1731m	0.871	ug/l	
42) 1,2-Dichloroethane	8.528	62	5210	1.638	ug/l	97
43) Isopropyl Acetate	8.563	43	10263	1.795	ug/l #	89
44) Trichloroethene	9.210	130	2914	1.248	ug/l	93
45) 1,2-Dichloropropane	9.486	63	3311	1.361	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.586	93	2436	1.495	ug/l #	71
47) Bromodichloromethane	9.757	83	4622	1.428	ug/l #	90
48) Methyl methacrylate	9.557	41	5416	1.979	ug/l #	80
49) 1,4-Dioxane	9.569	88	1705	31.890	ug/l #	79
51) 4-Methyl-2-Pentanone	10.328	43	30271	7.748	ug/l	91
52) Toluene	10.504	92	7555	1.290	ug/l	91
53) t-1,3-Dichloropropene	10.722	75	4989	1.479	ug/l #	86
54) cis-1,3-Dichloropropene	10.186	75	5256	1.423	ug/l #	79
55) 1,1,2-Trichloroethane	10.898	97	3493	1.437	ug/l #	88
56) Ethyl methacrylate	10.763	69	5859	1.509	ug/l #	81
57) 1,3-Dichloropropane	11.039	76	6151	1.472	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	9685	5.877	ug/l	90
59) 2-Hexanone	11.080	43	21038	7.429	ug/l	87
60) Dibromochloromethane	11.233	129	3096	1.185	ug/l	98
61) 1,2-Dibromoethane	11.345	107	3319	1.305	ug/l	95
64) Tetrachloroethene	10.969	164	2791	1.293	ug/l	89
65) Chlorobenzene	11.769	112	8282	1.234	ug/l #	85
66) 1,1,1,2-Tetrachloroethane	11.833	131	3291	1.291	ug/l #	59
67) Ethyl Benzene	11.839	91	14884	1.288	ug/l	97
68) m/p-Xylenes	11.945	106	10727	2.471	ug/l	94
69) o-Xylene	12.274	106	4902	1.161	ug/l	78
70) Styrene	12.298	104	7298	1.070	ug/l	93
71) Bromoform	12.457	173	1893	0.921	ug/l #	98
73) Isopropylbenzene	12.574	105	13342	1.285	ug/l	100
74) N-amyl acetate	12.386	43	5269	1.328	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.821	83	4793	1.291	ug/l	94
76) 1,2,3-Trichloropropane	12.874	75	3952m	1.257	ug/l	
77) Bromobenzene	12.857	156	2715	1.094	ug/l	75
78) n-propylbenzene	12.916	91	12828	1.113	ug/l	92
79) 2-Chlorotoluene	13.004	91	8884	1.240	ug/l	96
80) 1,3,5-Trimethylbenzene	13.057	105	10043	1.238	ug/l	89
82) 4-Chlorotoluene	13.104	91	7915	1.209	ug/l	92
83) tert-Butylbenzene	13.321	119	8798	1.180	ug/l	86
84) 1,2,4-Trimethylbenzene	13.363	105	8825	1.111	ug/l	96
85) sec-Butylbenzene	13.498	105	11284	1.126	ug/l	99
86) p-Isopropyltoluene	13.610	119	8397	1.066	ug/l	94
87) 1,3-Dichlorobenzene	13.610	146	4514	1.076	ug/l	95
88) 1,4-Dichlorobenzene	13.698	146	4403m	1.065	ug/l	
89) n-Butylbenzene	13.939	91	7385	1.149	ug/l	94
90) Hexachloroethane	14.204	117	1820	1.126	ug/l	84
91) 1,2-Dichlorobenzene	13.986	146	4071	1.007	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.598	75	1251	1.869	ug/l #	51
93) 1,2,4-Trichlorobenzene	15.262	180	1881	0.902	ug/l	86
94) Hexachlorobutadiene	15.363	225	847	0.705	ug/l #	72
95) Naphthalene	15.510	128	6367	0.897	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.698	180	1745	0.784	ug/l	96

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

