

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061322\
 Data File : VN072796.D
 Acq On : 13 Jun 2022 10:29
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/14/2022
 Supervised By : Mahesh Dadoda 06/14/2022

Quant Time: Jun 13 13:33:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061322W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 13 13:32:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	151078	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	275985	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	276026	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	111267	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	2714	1.378	ug/l	87
3) Chloromethane	2.299	50	3850	1.813	ug/l #	80
4) Vinyl Chloride	2.440	62	3297	1.863	ug/l	99
6) Chloroethane	3.010	64	2522	2.151	ug/l	98
7) Trichlorofluoromethane	3.369	101	4500	1.414	ug/l	86
8) Diethyl Ether	3.816	74	1697m	1.460	ug/l	
9) 1,1,2-Trichlorotrifluo...	4.216	101	2667	1.533	ug/l #	83
12) 1,1-Dichloroethene	4.175	96	2499	1.554	ug/l #	67
14) Allyl chloride	4.828	41	5621	1.791	ug/l	89
15) Acrylonitrile	5.557	53	9644	8.117	ug/l #	90
16) Acetone	4.287	43	11736	10.875	ug/l #	84
17) Carbon Disulfide	4.522	76	6868	1.710	ug/l	98
18) Methyl Acetate	4.840	43	5709	1.849	ug/l #	77
19) Methyl tert-butyl Ether	5.616	73	10314	1.674	ug/l	98
20) Methylene Chloride	5.087	84	4182	2.053	ug/l	96
21) trans-1,2-Dichloroethene	5.598	96	2845	1.685	ug/l #	86
22) Diisopropyl ether	6.487	45	10573	1.626	ug/l #	82
23) Vinyl Acetate	6.428	43	46573	8.408	ug/l #	91
24) 1,1-Dichloroethane	6.387	63	5855	1.636	ug/l #	91
25) 2-Butanone	7.339	43	16111	9.396	ug/l #	89
26) 2,2-Dichloropropane	7.304	77	6319	2.065	ug/l #	69
27) cis-1,2-Dichloroethene	7.322	96	3300	1.580	ug/l	78
28) Bromochloromethane	7.657	49	2388	1.498	ug/l #	79
29) Tetrahydrofuran	7.686	42	9275	8.454	ug/l	92
30) Chloroform	7.816	83	5823	1.585	ug/l	92
32) 1,1,1-Trichloroethane	8.004	97	5487	1.646	ug/l	94
36) 1,1-Dichloropropene	8.210	75	4583	1.637	ug/l	93
37) Ethyl Acetate	7.410	43	6696	1.861	ug/l #	87
38) Carbon Tetrachloride	8.204	117	4298	1.380	ug/l #	82
39) Methylcyclohexane	9.457	83	4985	1.592	ug/l #	91
40) Benzene	8.457	78	12269	1.456	ug/l	92
41) Methacrylonitrile	7.645	41	2698	1.481	ug/l	88
42) 1,2-Dichloroethane	8.528	62	5203	1.503	ug/l	92
43) Isopropyl Acetate	8.557	43	9379	1.686	ug/l #	86
44) Trichloroethene	9.210	130	2728	1.299	ug/l	46
45) 1,2-Dichloropropane	9.486	63	3536	1.617	ug/l #	77

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.575	93	2214	1.450	ug/l #	77
47) Bromodichloromethane	9.757	83	4215	1.348	ug/l #	98
48) Methyl methacrylate	9.557	41	4213	1.649	ug/l #	78
49) 1,4-Dioxane	9.575	88	1081	24.050	ug/l #	69
51) 4-Methyl-2-Pentanone	10.328	43	26760	7.565	ug/l	93
52) Toluene	10.498	92	7040	1.350	ug/l	88
53) t-1,3-Dichloropropene	10.710	75	4235	1.318	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	4885	1.439	ug/l #	74
55) 1,1,2-Trichloroethane	10.892	97	3107	1.410	ug/l #	91
56) Ethyl methacrylate	10.751	69	4867	1.482	ug/l #	76
57) 1,3-Dichloropropane	11.039	76	5651	1.500	ug/l	94
58) 2-Chloroethyl Vinyl ether	10.039	63	8575	9.732	ug/l	98
59) 2-Hexanone	11.080	43	19196	7.578	ug/l	91
60) Dibromochloromethane	11.239	129	2923	1.253	ug/l	100
61) 1,2-Dibromoethane	11.339	107	2836	1.293	ug/l	93
64) Tetrachloroethene	10.969	164	2343	1.162	ug/l #	75
65) Chlorobenzene	11.769	112	8107	1.371	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.839	131	2867	1.207	ug/l #	57
67) Ethyl Benzene	11.845	91	13901	1.345	ug/l	91
68) m/p-Xylenes	11.951	106	9920	2.572	ug/l	91
69) o-Xylene	12.274	106	4840	1.268	ug/l	83
70) Styrene	12.292	104	7103	1.209	ug/l	93
71) Bromoform	12.457	173	1811	1.043	ug/l #	91
73) Isopropylbenzene	12.574	105	12632	1.334	ug/l	94
74) N-amyl acetate	12.392	43	5118	1.402	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.821	83	4575	1.303	ug/l #	93
76) 1,2,3-Trichloropropane	12.874	75	4515m	1.455	ug/l	
77) Bromobenzene	12.863	156	2594	1.176	ug/l	75
78) n-propylbenzene	12.916	91	12528	1.228	ug/l	97
79) 2-Chlorotoluene	13.004	91	8714	1.307	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	9690	1.258	ug/l	95
82) 4-Chlorotoluene	13.098	91	7704	1.223	ug/l	96
83) tert-Butylbenzene	13.321	119	9045	1.339	ug/l	90
84) 1,2,4-Trimethylbenzene	13.368	105	8698	1.155	ug/l	96
85) sec-Butylbenzene	13.498	105	10878	1.198	ug/l	92
86) p-Isopropyltoluene	13.610	119	7493	1.064	ug/l	92
87) 1,3-Dichlorobenzene	13.610	146	4249	1.115	ug/l	89
88) 1,4-Dichlorobenzene	13.686	146	4230m	1.111	ug/l	
89) n-Butylbenzene	13.939	91	6663	1.211	ug/l	94
90) Hexachloroethane	14.215	117	2022	1.404	ug/l	67
91) 1,2-Dichlorobenzene	13.986	146	4269	1.121	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.598	75	769	1.220	ug/l	84
93) 1,2,4-Trichlorobenzene	15.268	180	1477	1.005	ug/l	94
94) Hexachlorobutadiene	15.368	225	919	0.983	ug/l	84
95) Naphthalene	15.504	128	5455	1.196	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.698	180	1556	1.047	ug/l	81

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

