

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061422\
 Data File : VN072847.D
 Acq On : 14 Jun 2022 22:14
 Operator : JC\MD
 Sample : VN0614WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0614WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/15/2022
 Supervised By : Mahesh Dadoda 06/15/2022

Quant Time: Jun 15 04:36:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 15 04:13:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	282590	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	508653	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	458672	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	167394	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	219630	50.182	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.360%			
35) Dibromofluoromethane	8.016	113	163678	51.974	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.940%			
50) Toluene-d8	10.439	98	651025	52.383	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.760%			
62) 4-Bromofluorobenzene	12.727	95	215589	51.676	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 103.360%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	45572	18.832	ug/l	99
3) Chloromethane	2.293	50	48407	18.865	ug/l	94
4) Vinyl Chloride	2.434	62	39918	18.845	ug/l	97
5) Bromomethane	2.840	94	20501	20.987	ug/l	81
6) Chloroethane	3.004	64	28273	20.243	ug/l	94
7) Trichlorofluoromethane	3.363	101	82097	18.795	ug/l	98
8) Diethyl Ether	3.822	74	37621	18.187	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.204	101	49341	17.743	ug/l	96
10) Methyl Iodide	4.416	142	42145	18.120	ug/l	94
11) Tert butyl alcohol	5.369	59	94683	17.854	ug/l #	88
12) 1,1-Dichloroethene	4.175	96	44308	16.998	ug/l	95
13) Acrolein	4.040	56	49166	98.861	ug/l	95
14) Allyl chloride	4.840	41	108428	18.022	ug/l #	90
15) Acrylonitrile	5.551	53	239388	93.378	ug/l	99
16) Acetone	4.287	43	226708	92.682	ug/l	95
17) Carbon Disulfide	4.522	76	85625	17.802	ug/l	99
18) Methyl Acetate	4.851	43	123120	19.737	ug/l	90
19) Methyl tert-butyl Ether	5.616	73	211047	19.104	ug/l	98
20) Methylene Chloride	5.093	84	63023	19.144	ug/l	88
21) trans-1,2-Dichloroethene	5.593	96	49104	19.188	ug/l	97
22) Diisopropyl ether	6.492	45	233892	18.864	ug/l	96
23) Vinyl Acetate	6.428	43	1021079	95.407	ug/l	95
24) 1,1-Dichloroethane	6.381	63	112885	18.386	ug/l	97
25) 2-Butanone	7.328	43	360868	93.102	ug/l	90
26) 2,2-Dichloropropane	7.322	77	73221	15.983	ug/l	100
27) cis-1,2-Dichloroethene	7.322	96	68357	18.949	ug/l	96
28) Bromochloromethane	7.651	49	60279	20.593	ug/l #	82
29) Tetrahydrofuran	7.681	42	231666	93.635	ug/l	87
30) Chloroform	7.810	83	119145	19.314	ug/l	100
31) Cyclohexane	8.092	56	93271	18.847	ug/l	92
32) 1,1,1-Trichloroethane	8.010	97	96810	18.797	ug/l	98
36) 1,1-Dichloropropene	8.216	75	73516	17.480	ug/l	98
37) Ethyl Acetate	7.410	43	136834	19.283	ug/l	95
38) Carbon Tetrachloride	8.204	117	79436	18.920	ug/l	95
39) Methylcyclohexane	9.457	83	82083	17.190	ug/l	93
40) Benzene	8.457	78	247410	18.609	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	70742	19.445	ug/l #	83
42) 1,2-Dichloroethane	8.528	62	100090	19.446	ug/l	97
43) Isopropyl Acetate	8.557	43	195017	18.653	ug/l	92
44) Trichloroethene	9.210	130	58780	18.190	ug/l	94
45) 1,2-Dichloropropane	9.486	63	67534	18.247	ug/l	99
46) Dibromomethane	9.575	93	45608	19.133	ug/l	91
47) Bromodichloromethane	9.757	83	92978	19.230	ug/l	98
48) Methyl methacrylate	9.557	41	96549	19.371	ug/l	89
49) 1,4-Dioxane	9.569	88	36417	360.237	ug/l #	87
51) 4-Methyl-2-Pentanone	10.328	43	709829	99.058	ug/l	90
52) Toluene	10.504	92	158460	19.187	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	91781	18.893	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	100895	18.923	ug/l #	86
55) 1,1,2-Trichloroethane	10.898	97	70564	18.973	ug/l	97
56) Ethyl methacrylate	10.757	69	121310	19.555	ug/l #	85
57) 1,3-Dichloropropane	11.045	76	119633	18.669	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	262722	106.159	ug/l	93
59) 2-Hexanone	11.080	43	538136	100.025	ug/l	89
60) Dibromochloromethane	11.233	129	69312	19.780	ug/l	99
61) 1,2-Dibromoethane	11.345	107	70032	19.187	ug/l	98
64) Tetrachloroethene	10.975	164	51324	17.442	ug/l	87
65) Chlorobenzene	11.769	112	170123	18.831	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.839	131	65058	18.882	ug/l	99
67) Ethyl Benzene	11.839	91	306025	18.764	ug/l	98
68) m/p-Xylenes	11.951	106	224115	38.801	ug/l	96
69) o-Xylene	12.274	106	114927	18.802	ug/l	95
70) Styrene	12.292	104	183596	19.932	ug/l	98
71) Bromoform	12.451	173	48417	19.366	ug/l #	99
73) Isopropylbenzene	12.574	105	303641	19.732	ug/l	98
74) N-amyl acetate	12.386	43	149609	20.162	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.821	83	112108	19.324	ug/l	99
76) 1,2,3-Trichloropropane	12.880	75	93427m	19.350	ug/l	
77) Bromobenzene	12.857	156	65903	18.886	ug/l	83
78) n-propylbenzene	12.916	91	322818	19.230	ug/l	97
79) 2-Chlorotoluene	13.004	91	205727	18.789	ug/l	97
80) 1,3,5-Trimethylbenzene	13.057	105	236334	19.332	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.621	75	27502	17.714	ug/l #	86
82) 4-Chlorotoluene	13.104	91	185836	18.540	ug/l	97
83) tert-Butylbenzene	13.321	119	212632	19.249	ug/l	95
84) 1,2,4-Trimethylbenzene	13.368	105	231972	19.610	ug/l	96
85) sec-Butylbenzene	13.498	105	287202	19.454	ug/l	99
86) p-Isopropyltoluene	13.610	119	224870	19.546	ug/l	97
87) 1,3-Dichlorobenzene	13.610	146	109758	19.332	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	106694	18.567	ug/l	96
89) n-Butylbenzene	13.939	91	173886	18.791	ug/l	97
90) Hexachloroethane	14.210	117	43848	19.196	ug/l	81
91) 1,2-Dichlorobenzene	13.986	146	112033	19.261	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.604	75	22948	19.799	ug/l	83
93) 1,2,4-Trichlorobenzene	15.262	180	53231	19.354	ug/l	97
94) Hexachlorobutadiene	15.368	225	24549	19.358	ug/l	97
95) Naphthalene	15.504	128	211077	20.048	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	56142	19.868	ug/l	99

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

