

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060822\
 Data File : VN072718.D
 Acq On : 09 Jun 2022 00:22
 Operator : JC\MD
 Sample : VN0608WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBSD02

Manual Integrations
 APPROVED

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

Quant Time: Jun 09 05:20:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060822W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 05:17:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	158358	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	297299	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	294221	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	131278	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	226937	53.394	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.780%			
35) Dibromofluoromethane	8.016	113	154403	52.487	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.980%			
50) Toluene-d8	10.439	98	597352	50.895	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.800%			
62) 4-Bromofluorobenzene	12.727	95	194465	48.284	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 96.560%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.069	85	49766	19.373	ug/l	99
3) Chloromethane	2.293	50	53185	18.902	ug/l	96
4) Vinyl Chloride	2.434	62	53883	19.155	ug/l	99
5) Bromomethane	2.834	94	28331	20.776	ug/l	# 79
6) Chloroethane	3.010	64	37606	20.660	ug/l	98
7) Trichlorofluoromethane	3.363	101	89151	19.912	ug/l	98
8) Diethyl Ether	3.822	74	35243	19.360	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.210	101	45990	18.758	ug/l	90
10) Methyl Iodide	4.416	142	41767	18.271	ug/l	# 88
11) Tert butyl alcohol	5.363	59	103694	102.274	ug/l	99
12) 1,1-Dichloroethene	4.175	96	44318	19.395	ug/l	85
13) Acrolein	4.040	56	40137	95.852	ug/l	94
14) Allyl chloride	4.840	41	98584	18.688	ug/l	# 90
15) Acrylonitrile	5.546	53	216411	100.742	ug/l	99
16) Acetone	4.281	43	206811	101.548	ug/l	94
17) Carbon Disulfide	4.528	76	100267	19.187	ug/l	99
18) Methyl Acetate	4.851	43	107118	20.215	ug/l	91
19) Methyl tert-butyl Ether	5.610	73	205447	19.878	ug/l	98
20) Methylene Chloride	5.093	84	58526	20.006	ug/l	# 85
21) trans-1,2-Dichloroethene	5.598	96	47035	18.694	ug/l	96
22) Diisopropyl ether	6.493	45	212566	19.881	ug/l	97
23) Vinyl Acetate	6.428	43	969434	99.032	ug/l	# 93
24) 1,1-Dichloroethane	6.387	63	111456	20.074	ug/l	97
25) 2-Butanone	7.334	43	326801	99.752	ug/l	91
26) 2,2-Dichloropropane	7.322	77	76008	15.141	ug/l	94
27) cis-1,2-Dichloroethene	7.322	96	63403	19.812	ug/l	93
28) Bromochloromethane	7.657	49	57224	21.822	ug/l	# 76
29) Tetrahydrofuran	7.681	42	205208	101.368	ug/l	90
30) Chloroform	7.816	83	113331	19.581	ug/l	98
31) Cyclohexane	8.087	56	93012	20.247	ug/l	# 88
32) 1,1,1-Trichloroethane	8.010	97	102160	19.974	ug/l	97
36) 1,1-Dichloropropene	8.216	75	76445	18.721	ug/l	95
37) Ethyl Acetate	7.404	43	127413	20.084	ug/l	# 94
38) Carbon Tetrachloride	8.204	117	85261	19.539	ug/l	96
39) Methylcyclohexane	9.457	83	84848	17.906	ug/l	91
40) Benzene	8.457	78	238836	19.275	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	38755m	18.123	ug/l	
42) 1,2-Dichloroethane	8.528	62	102121	19.877	ug/l	95
43) Isopropyl Acetate	8.557	43	192511	19.485	ug/l	93
44) Trichloroethene	9.210	130	55152	19.118	ug/l	84
45) 1,2-Dichloropropane	9.486	63	66567	19.880	ug/l	95
46) Dibromomethane	9.575	93	45505	19.441	ug/l #	83
47) Bromodichloromethane	9.763	83	92581	19.240	ug/l	97
48) Methyl methacrylate	9.557	41	89133	19.068	ug/l #	84
49) 1,4-Dioxane	9.569	88	33278	389.468	ug/l #	88
51) 4-Methyl-2-Pentanone	10.328	43	630156	97.939	ug/l	91
52) Toluene	10.504	92	148980	19.257	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	96636	18.079	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	100797	18.250	ug/l #	84
55) 1,1,2-Trichloroethane	10.892	97	63493	19.018	ug/l	96
56) Ethyl methacrylate	10.757	69	109496	18.543	ug/l #	79
57) 1,3-Dichloropropane	11.039	76	113121	18.975	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	218929	93.030	ug/l	93
59) 2-Hexanone	11.080	43	465027	98.289	ug/l	88
60) Dibromochloromethane	11.233	129	64773	18.692	ug/l	97
61) 1,2-Dibromoethane	11.339	107	63867	18.666	ug/l	99
64) Tetrachloroethene	10.975	164	49070	19.810	ug/l	91
65) Chlorobenzene	11.769	112	148833	18.983	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	61176	19.615	ug/l	99
67) Ethyl Benzene	11.839	91	280727	19.043	ug/l	98
68) m/p-Xylenes	11.951	106	201767	38.513	ug/l	92
69) o-Xylene	12.280	106	101405	19.256	ug/l	89
70) Styrene	12.292	104	160624	19.406	ug/l	95
71) Bromoform	12.457	173	40808	18.603	ug/l #	99
73) Isopropylbenzene	12.574	105	265135	18.829	ug/l	99
74) N-amyl acetate	12.386	43	128627	19.653	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.827	83	97106	19.866	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	80693m	19.048	ug/l	
77) Bromobenzene	12.857	156	53400	19.237	ug/l	70
78) n-propylbenzene	12.916	91	289400	18.823	ug/l	95
79) 2-Chlorotoluene	13.004	91	187386	19.428	ug/l	93
80) 1,3,5-Trimethylbenzene	13.057	105	214128	19.191	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.622	75	27185	16.783	ug/l	89
82) 4-Chlorotoluene	13.104	91	165981	18.633	ug/l	96
83) tert-Butylbenzene	13.322	119	185992	18.979	ug/l	88
84) 1,2,4-Trimethylbenzene	13.363	105	208654	19.545	ug/l	94
85) sec-Butylbenzene	13.498	105	256533	19.400	ug/l	95
86) p-Isopropyltoluene	13.616	119	196842	18.924	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	89465	18.975	ug/l	95
88) 1,4-Dichlorobenzene	13.692	146	87704	18.987	ug/l	94
89) n-Butylbenzene	13.939	91	158285	18.062	ug/l	97
90) Hexachloroethane	14.204	117	42633	18.937	ug/l	71
91) 1,2-Dichlorobenzene	13.986	146	91863	19.878	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.598	75	21904	18.551	ug/l	72
93) 1,2,4-Trichlorobenzene	15.257	180	42958	19.323	ug/l	95
94) Hexachlorobutadiene	15.363	225	19979	20.062	ug/l	97
95) Naphthalene	15.504	128	171606	19.895	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	43705	19.742	ug/l	97

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

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