

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061022\
 Data File : VN072759.D
 Acq On : 10 Jun 2022 12:46
 Operator : JC\MD
 Sample : VN0610WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0610WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/11/2022
 Supervised By : Mahesh Dadoda 06/13/2022

Quant Time: Jun 11 01:53:01 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	8.080	168	158421	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	287504	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	298291	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	135322	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	201500	47.390	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.780%		
35) Dibromofluoromethane	8.016	113	131243	46.134	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	92.260%		
50) Toluene-d8	10.439	98	538073	47.407	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.820%		
62) 4-Bromofluorobenzene	12.727	95	180777	46.415	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.840%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.069	85	47819	18.608	ug/l	99
3) Chloromethane	2.298	50	53486	19.002	ug/l	97
4) Vinyl Chloride	2.440	62	50728	18.026	ug/l	96
5) Bromomethane	2.840	94	28266	20.715	ug/l	98
6) Chloroethane	3.010	64	37751	20.733	ug/l	99
7) Trichlorofluoromethane	3.363	101	86286	19.264	ug/l	98
8) Diethyl Ether	3.822	74	34078	18.713	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.210	101	47687	19.443	ug/l	87
10) Methyl Iodide	4.416	142	39467	17.258	ug/l	# 84
11) Tert butyl alcohol	5.357	59	78219	77.117	ug/l	98
12) 1,1-Dichloroethene	4.175	96	41835	18.301	ug/l	87
13) Acrolein	4.034	56	35234	84.110	ug/l	96
14) Allyl chloride	4.833	41	93908	17.794	ug/l	# 88
15) Acrylonitrile	5.551	53	192411	89.534	ug/l	99
16) Acetone	4.281	43	176997	86.874	ug/l	# 88
17) Carbon Disulfide	4.522	76	87990	16.866	ug/l	100
18) Methyl Acetate	4.851	43	95549	18.024	ug/l	90
19) Methyl tert-butyl Ether	5.604	73	194829	18.843	ug/l	99
20) Methylene Chloride	5.086	84	54131	18.480	ug/l	# 84
21) trans-1,2-Dichloroethene	5.592	96	45400	18.037	ug/l	85
22) Diisopropyl ether	6.486	45	204417	19.111	ug/l	90
23) Vinyl Acetate	6.428	43	913700	93.302	ug/l	95
24) 1,1-Dichloroethane	6.380	63	106617	19.195	ug/l	98
25) 2-Butanone	7.327	43	280641	85.628	ug/l	91
26) 2,2-Dichloropropane	7.322	77	92602	18.439	ug/l	96
27) cis-1,2-Dichloroethene	7.322	96	59714	18.652	ug/l	86
28) Bromochloromethane	7.651	49	53736	20.484	ug/l	# 75
29) Tetrahydrofuran	7.680	42	180478	89.117	ug/l	90
30) Chloroform	7.816	83	108214	18.690	ug/l	97
31) Cyclohexane	8.086	56	90955	19.775	ug/l	90
32) 1,1,1-Trichloroethane	8.010	97	94617	18.492	ug/l	96
36) 1,1-Dichloropropene	8.222	75	73517	18.618	ug/l	94
37) Ethyl Acetate	7.404	43	114772	18.708	ug/l	# 95
38) Carbon Tetrachloride	8.204	117	80772	19.141	ug/l	99
39) Methylcyclohexane	9.457	83	87898	19.182	ug/l	93
40) Benzene	8.457	78	229673	19.167	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.627	41	44817m	21.672	ug/l	
42) 1,2-Dichloroethane	8.527	62	98553	19.836	ug/l	94
43) Isopropyl Acetate	8.557	43	175879	18.408	ug/l #	94
44) Trichloroethene	9.216	130	53934	19.333	ug/l	90
45) 1,2-Dichloropropane	9.486	63	62894	19.423	ug/l	98
46) Dibromomethane	9.574	93	44589	19.698	ug/l #	79
47) Bromodichloromethane	9.757	83	89990	19.339	ug/l	99
48) Methyl methacrylate	9.557	41	83516	18.475	ug/l #	84
49) 1,4-Dioxane	9.568	88	27634	334.432	ug/l #	85
51) 4-Methyl-2-Pentanone	10.327	43	587756	94.461	ug/l	91
52) Toluene	10.498	92	144012	19.249	ug/l	98
53) t-1,3-Dichloropropene	10.715	75	96337	18.637	ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	101387	18.983	ug/l #	83
55) 1,1,2-Trichloroethane	10.898	97	63240	19.587	ug/l	97
56) Ethyl methacrylate	10.757	69	108740	19.043	ug/l #	82
57) 1,3-Dichloropropane	11.039	76	110740	19.208	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	239043	105.038	ug/l	91
59) 2-Hexanone	11.080	43	434642	94.996	ug/l	88
60) Dibromochloromethane	11.239	129	63528	18.958	ug/l	96
61) 1,2-Dibromoethane	11.339	107	62795	18.978	ug/l	97
64) Tetrachloroethene	10.974	164	47638	18.969	ug/l #	86
65) Chlorobenzene	11.768	112	153594	19.323	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	58970	18.650	ug/l	99
67) Ethyl Benzene	11.839	91	288470	19.301	ug/l	100
68) m/p-Xylenes	11.951	106	208924	39.335	ug/l	90
69) o-Xylene	12.280	106	106428	19.934	ug/l	94
70) Styrene	12.292	104	162029	19.309	ug/l	93
71) Bromoform	12.457	173	40511	18.215	ug/l #	98
73) Isopropylbenzene	12.574	105	276340	19.038	ug/l	97
74) N-amyl acetate	12.386	43	127610	18.915	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.821	83	94542	18.763	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	92143m	21.101	ug/l	
77) Bromobenzene	12.857	156	52705	18.419	ug/l	67
78) n-propylbenzene	12.915	91	308298	19.453	ug/l	95
79) 2-Chlorotoluene	13.004	91	194040	19.517	ug/l	92
80) 1,3,5-Trimethylbenzene	13.057	105	226288	19.675	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.621	75	29330	17.566	ug/l	86
82) 4-Chlorotoluene	13.104	91	175517	19.114	ug/l	92
83) tert-Butylbenzene	13.321	119	197229	19.525	ug/l	88
84) 1,2,4-Trimethylbenzene	13.362	105	216013	19.629	ug/l	97
85) sec-Butylbenzene	13.498	105	269969	19.806	ug/l	97
86) p-Isopropyltoluene	13.609	119	212030	19.775	ug/l	94
87) 1,3-Dichlorobenzene	13.609	146	93992	19.340	ug/l	96
88) 1,4-Dichlorobenzene	13.692	146	91026	19.117	ug/l	93
89) n-Butylbenzene	13.939	91	171981	19.038	ug/l	97
90) Hexachloroethane	14.209	117	43353	18.681	ug/l	71
91) 1,2-Dichlorobenzene	13.986	146	94211	19.777	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.598	75	21097	17.333	ug/l	72
93) 1,2,4-Trichlorobenzene	15.262	180	42664	18.617	ug/l	96
94) Hexachlorobutadiene	15.368	225	20649	20.115	ug/l	98
95) Naphthalene	15.503	128	163219	18.357	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	43575	19.095	ug/l	94

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

