

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061022\
 Data File : VN072760.D
 Acq On : 10 Jun 2022 13:20
 Operator : JC\MD
 Sample : VN0610WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0610WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Jun 11 01:53:23 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	150767	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	276722	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	287081	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	130493	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	196566	48.577	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.160%		
35) Dibromofluoromethane	8.016	113	130513	47.665	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.340%		
50) Toluene-d8	10.439	98	516485	47.278	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.560%		
62) 4-Bromofluorobenzene	12.727	95	173441	46.267	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.540%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.063	85	45366	18.549	ug/l	99
3) Chloromethane	2.293	50	49166	18.345	ug/l	100
4) Vinyl Chloride	2.434	62	49230	18.382	ug/l	99
5) Bromomethane	2.840	94	28047	21.688	ug/l	89
6) Chloroethane	3.004	64	34498	19.881	ug/l	98
7) Trichlorofluoromethane	3.369	101	79967	18.760	ug/l	95
8) Diethyl Ether	3.816	74	33098	19.097	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.210	101	43981	18.842	ug/l	88
10) Methyl Iodide	4.416	142	40388	18.557	ug/l	# 86
11) Tert butyl alcohol	5.363	59	84397	87.432	ug/l	99
12) 1,1-Dichloroethene	4.181	96	39541	18.176	ug/l	87
13) Acrolein	4.040	56	36342	91.159	ug/l	98
14) Allyl chloride	4.828	41	89147	17.749	ug/l	88
15) Acrylonitrile	5.551	53	193517	94.620	ug/l	98
16) Acetone	4.281	43	178679	92.152	ug/l	90
17) Carbon Disulfide	4.528	76	84614	17.039	ug/l	99
18) Methyl Acetate	4.851	43	96168	19.062	ug/l	# 90
19) Methyl tert-butyl Ether	5.610	73	194325	19.749	ug/l	99
20) Methylene Chloride	5.093	84	54839	19.686	ug/l	90
21) trans-1,2-Dichloroethene	5.592	96	43446	18.137	ug/l	90
22) Diisopropyl ether	6.492	45	201102	19.755	ug/l	93
23) Vinyl Acetate	6.428	43	908371	97.467	ug/l	# 92
24) 1,1-Dichloroethane	6.381	63	101051	19.117	ug/l	100
25) 2-Butanone	7.328	43	288958	92.642	ug/l	# 88
26) 2,2-Dichloropropane	7.316	77	86802	18.161	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	57788	18.966	ug/l	86
28) Bromochloromethane	7.651	49	54404	21.791	ug/l	# 73
29) Tetrahydrofuran	7.681	42	182688	94.787	ug/l	89
30) Chloroform	7.816	83	105805	19.201	ug/l	100
31) Cyclohexane	8.092	56	84266	19.232	ug/l	91
32) 1,1,1-Trichloroethane	8.010	97	90942	18.676	ug/l	95
36) 1,1-Dichloropropene	8.216	75	68997	18.154	ug/l	96
37) Ethyl Acetate	7.410	43	111710	18.918	ug/l	97
38) Carbon Tetrachloride	8.204	117	74639	18.377	ug/l	94
39) Methylcyclohexane	9.457	83	81362	18.448	ug/l	90
40) Benzene	8.457	78	218959	18.985	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	46506m	23.365	ug/l	
42) 1,2-Dichloroethane	8.528	62	96264	20.131	ug/l	95
43) Isopropyl Acetate	8.557	43	180563	19.635	ug/l #	92
44) Trichloroethene	9.210	130	50500	18.807	ug/l	92
45) 1,2-Dichloropropane	9.486	63	60210	19.319	ug/l	99
46) Dibromomethane	9.575	93	42634	19.568	ug/l #	82
47) Bromodichloromethane	9.757	83	87259	19.483	ug/l	97
48) Methyl methacrylate	9.557	41	84984	19.533	ug/l #	83
49) 1,4-Dioxane	9.563	88	30681	385.775	ug/l #	89
51) 4-Methyl-2-Pentanone	10.327	43	595161	99.378	ug/l	91
52) Toluene	10.504	92	137473	19.091	ug/l	97
53) t-1,3-Dichloropropene	10.716	75	93489	18.791	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	98683	19.196	ug/l #	87
55) 1,1,2-Trichloroethane	10.892	97	62672	20.168	ug/l	96
56) Ethyl methacrylate	10.757	69	108857	19.806	ug/l #	80
57) 1,3-Dichloropropane	11.039	76	109081	19.658	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	233691	106.687	ug/l	93
59) 2-Hexanone	11.080	43	442644	100.515	ug/l	88
60) Dibromochloromethane	11.233	129	62142	19.266	ug/l	97
61) 1,2-Dibromoethane	11.339	107	62002	19.468	ug/l	100
64) Tetrachloroethene	10.974	164	45452	18.806	ug/l #	83
65) Chlorobenzene	11.769	112	146132	19.102	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.839	131	56696	18.631	ug/l	99
67) Ethyl Benzene	11.839	91	275974	19.186	ug/l	93
68) m/p-Xylenes	11.951	106	198508	38.834	ug/l	90
69) o-Xylene	12.274	106	100101	19.481	ug/l	90
70) Styrene	12.292	104	158356	19.608	ug/l	95
71) Bromoform	12.457	173	40544	18.942	ug/l #	99
73) Isopropylbenzene	12.574	105	267281	19.095	ug/l	96
74) N-amyl acetate	12.386	43	128078	19.687	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.821	83	96285	19.816	ug/l	98
76) 1,2,3-Trichloropropane	12.874	75	94025m	22.329	ug/l	
77) Bromobenzene	12.857	156	52685	19.093	ug/l	69
78) n-propylbenzene	12.916	91	292316	19.127	ug/l	95
79) 2-Chlorotoluene	13.004	91	185978	19.398	ug/l	93
80) 1,3,5-Trimethylbenzene	13.057	105	214708	19.359	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.621	75	28014	17.399	ug/l #	84
82) 4-Chlorotoluene	13.098	91	170483	19.253	ug/l	94
83) tert-Butylbenzene	13.321	119	188313	19.332	ug/l	89
84) 1,2,4-Trimethylbenzene	13.363	105	208687	19.665	ug/l	94
85) sec-Butylbenzene	13.498	105	255902	19.469	ug/l	97
86) p-Isopropyltoluene	13.610	119	201587	19.497	ug/l	95
87) 1,3-Dichlorobenzene	13.616	146	89543	19.106	ug/l	96
88) 1,4-Dichlorobenzene	13.692	146	88379	19.248	ug/l	95
89) n-Butylbenzene	13.939	91	163191	18.734	ug/l	97
90) Hexachloroethane	14.204	117	40470	18.084	ug/l	70
91) 1,2-Dichlorobenzene	13.986	146	90351	19.669	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.604	75	20280	17.279	ug/l	75
93) 1,2,4-Trichlorobenzene	15.257	180	42119	19.060	ug/l	97
94) Hexachlorobutadiene	15.362	225	19572	19.771	ug/l	97
95) Naphthalene	15.504	128	167539	19.540	ug/l	98
96) 1,2,3-Trichlorobenzene	15.698	180	43618	19.822	ug/l	97

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

