

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031522\
 Data File : VN071287.D
 Acq On : 15 Mar 2022 13:05
 Operator : JC\MD
 Sample : VN0315WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0315WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/16/2022
 Supervised By : Mahesh Dadoda 03/16/2022

Quant Time: Mar 15 18:57:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	597600	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	965287	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	853341	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	339268	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	450608	55.017	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 110.040%			
35) Dibromofluoromethane	8.016	113	346871	56.945	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 113.900%			
50) Toluene-d8	10.439	98	1374858	56.059	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 112.120%			
62) 4-Bromofluorobenzene	12.727	95	442099	53.234	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 106.460%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	119503	18.246	ug/l	98
3) Chloromethane	2.299	50	170192	19.335	ug/l	98
4) Vinyl Chloride	2.440	62	153953	19.180	ug/l	100
5) Bromomethane	2.846	94	88215	21.167	ug/l	95
6) Chloroethane	3.010	64	99127	20.393	ug/l	97
7) Trichlorofluoromethane	3.375	101	203235	19.237	ug/l	99
8) Diethyl Ether	3.822	74	87309	19.313	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.210	101	120882	19.766	ug/l	94
10) Methyl Iodide	4.422	142	149956	17.360	ug/l	98
11) Tert butyl alcohol	5.363	59	154868	96.253	ug/l	97
12) 1,1-Dichloroethene	4.181	96	114812	19.164	ug/l	94
13) Acrolein	4.040	56	78869	46.312	ug/l	100
14) Allyl chloride	4.840	41	246406	18.910	ug/l	86
15) Acrylonitrile	5.545	53	469131	98.196	ug/l	99
16) Acetone	4.281	43	395978	99.363	ug/l	96
17) Carbon Disulfide	4.534	76	292470	17.147	ug/l	100
18) Methyl Acetate	4.851	43	234984	22.219	ug/l	96
19) Methyl tert-butyl Ether	5.610	73	456687	20.303	ug/l	98
20) Methylene Chloride	5.092	84	144561	20.078	ug/l	90
21) trans-1,2-Dichloroethene	5.592	96	124500	18.998	ug/l	91
22) Diisopropyl ether	6.492	45	512805	19.976	ug/l	94
23) Vinyl Acetate	6.428	43	2201554	101.300	ug/l	97
24) 1,1-Dichloroethane	6.386	63	274334	20.223	ug/l	98
25) 2-Butanone	7.328	43	646862	100.763	ug/l	96
26) 2,2-Dichloropropane	7.322	77	216733	20.710	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	153567	19.745	ug/l	91
28) Bromochloromethane	7.657	49	121771	20.158	ug/l	85
29) Tetrahydrofuran	7.681	42	445264	100.119	ug/l	92
30) Chloroform	7.816	83	260267	20.116	ug/l	99
31) Cyclohexane	8.092	56	247437	18.918	ug/l	91
32) 1,1,1-Trichloroethane	8.010	97	224755	20.394	ug/l	97
36) 1,1-Dichloropropene	8.216	75	187176	19.179	ug/l	96
37) Ethyl Acetate	7.404	43	256687	19.111	ug/l	98
38) Carbon Tetrachloride	8.204	117	190373	20.167	ug/l	99
39) Methylcyclohexane	9.457	83	221207	19.267	ug/l	92
40) Benzene	8.457	78	586724	19.953	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	137861	20.973	ug/l #	85
42) 1,2-Dichloroethane	8.528	62	212970	20.813	ug/l	99
43) Isopropyl Acetate	8.557	43	434367	21.626	ug/l #	93
44) Trichloroethene	9.210	130	136111	19.618	ug/l	98
45) 1,2-Dichloropropane	9.486	63	160279	20.305	ug/l	98
46) Dibromomethane	9.575	93	98876	20.352	ug/l	97
47) Bromodichloromethane	9.757	83	203148	20.691	ug/l	98
48) Methyl methacrylate	9.557	41	173666	18.657	ug/l	89
49) 1,4-Dioxane	9.563	88	67580	417.689	ug/l #	86
51) 4-Methyl-2-Pentanone	10.327	43	1278010	102.525	ug/l	99
52) Toluene	10.504	92	362964	20.046	ug/l	96
53) t-1,3-Dichloropropene	10.716	75	216897	20.040	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	235826	19.942	ug/l	95
55) 1,1,2-Trichloroethane	10.892	97	145816	20.097	ug/l	99
56) Ethyl methacrylate	10.757	69	230077	19.417	ug/l	91
57) 1,3-Dichloropropane	11.039	76	259757	19.945	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.033	63	299844	134.888	ug/l	94
59) 2-Hexanone	11.080	43	923395	108.568	ug/l	100
60) Dibromochloromethane	11.233	129	150113	20.822	ug/l	100
61) 1,2-Dibromoethane	11.339	107	146846	19.802	ug/l	98
64) Tetrachloroethene	10.974	164	119247	20.036	ug/l	94
65) Chlorobenzene	11.769	112	368110	20.087	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	142670	21.232	ug/l	98
67) Ethyl Benzene	11.839	91	670637	20.697	ug/l	96
68) m/p-Xylenes	11.951	106	505589	42.652	ug/l	98
69) o-Xylene	12.280	106	251201	21.141	ug/l	98
70) Styrene	12.292	104	393552	21.397	ug/l	98
71) Bromoform	12.451	173	111558	21.861	ug/l #	100
73) Isopropylbenzene	12.574	105	643383	19.672	ug/l	100
74) N-amyl acetate	12.380	43	253671	20.629	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	230825	22.333	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	178579m	20.026	ug/l	
77) Bromobenzene	12.857	156	148680	19.496	ug/l	79
78) n-propylbenzene	12.916	91	696738	19.853	ug/l	97
79) 2-Chlorotoluene	13.004	91	443213	19.674	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	515522	20.261	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	66484	21.184	ug/l	97
82) 4-Chlorotoluene	13.098	91	412169	20.540	ug/l	94
83) tert-Butylbenzene	13.321	119	463218	20.399	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	509467	20.904	ug/l	100
85) sec-Butylbenzene	13.498	105	611476	20.260	ug/l	99
86) p-Isopropyltoluene	13.610	119	493242	20.780	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	245162	19.785	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	236681	19.540	ug/l	96
89) n-Butylbenzene	13.939	91	359093	19.342	ug/l	96
90) Hexachloroethane	14.204	117	93544	19.818	ug/l	89
91) 1,2-Dichlorobenzene	13.986	146	243010	20.398	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	40854	21.469	ug/l	86
93) 1,2,4-Trichlorobenzene	15.257	180	99263	19.775	ug/l	98
94) Hexachlorobutadiene	15.368	225	67869	20.293	ug/l	98
95) Naphthalene	15.504	128	256890	19.911	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	96143	19.796	ug/l	97

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

