

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081022\
 Data File : VN073797.D
 Acq On : 10 Aug 2022 14:56
 Operator : JC\MD
 Sample : VN0810WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0810WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/11/2022
 Supervised By : Mahesh Dadoda 08/11/2022

Quant Time: Aug 10 22:54:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 05:09:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	367930	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	580986	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	532217	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	254690	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	220014	49.068	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.140%		
35) Dibromofluoromethane	7.951	113	184842	50.666	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.340%		
50) Toluene-d8	10.380	98	684051	47.648	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.300%		
62) 4-Bromofluorobenzene	12.669	95	221495	44.282	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.560%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	60534	16.963	ug/l	99
3) Chloromethane	2.269	50	80297	17.071	ug/l	100
4) Vinyl Chloride	2.405	62	94591	15.155	ug/l	97
5) Bromomethane	2.793	94	98663	27.257	ug/l	99
6) Chloroethane	2.957	64	64720	16.347	ug/l	100
7) Trichlorofluoromethane	3.310	101	139568	21.698	ug/l	100
8) Diethyl Ether	3.763	74	46244	19.146	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.134	101	68207	19.166	ug/l	97
10) Methyl Iodide	4.346	142	57233	15.819	ug/l	97
11) Tert butyl alcohol	5.287	59	100635	104.069	ug/l	100
12) 1,1-Dichloroethene	4.110	96	60364	17.292	ug/l	98
13) Acrolein	3.981	56	74517	77.729	ug/l	99
14) Allyl chloride	4.763	41	98196	17.595	ug/l	98
15) Acrylonitrile	5.475	53	277877	103.883	ug/l	99
16) Acetone	4.222	43	233406	96.917	ug/l	98
17) Carbon Disulfide	4.451	76	143574	15.512	ug/l	100
18) Methyl Acetate	4.775	43	139585	23.297	ug/l	100
19) Methyl tert-butyl Ether	5.528	73	242967	20.374	ug/l	96
20) Methylene Chloride	5.010	84	84486	20.380	ug/l	99
21) trans-1,2-Dichloroethene	5.510	96	67437	17.846	ug/l	91
22) Diisopropyl ether	6.410	45	236508	19.642	ug/l	97
23) Vinyl Acetate	6.351	43	1010966	100.144	ug/l	99
24) 1,1-Dichloroethane	6.298	63	135500	18.292	ug/l	98
25) 2-Butanone	7.257	43	378052	101.083	ug/l	99
26) 2,2-Dichloropropane	7.245	77	96285	16.895	ug/l	98
27) cis-1,2-Dichloroethene	7.245	96	86496	18.578	ug/l	95
28) Bromochloromethane	7.581	49	56190	18.066	ug/l	97
29) Tetrahydrofuran	7.610	42	244031	103.200	ug/l	99
30) Chloroform	7.745	83	149609	19.385	ug/l	100
31) Cyclohexane	8.022	56	108050	16.186	ug/l	96
32) 1,1,1-Trichloroethane	7.939	97	122117	19.056	ug/l	97
36) 1,1-Dichloropropene	8.151	75	94610	18.196	ug/l	99
37) Ethyl Acetate	7.339	43	141838	20.713	ug/l	98
38) Carbon Tetrachloride	8.134	117	101926	19.301	ug/l	96
39) Methylcyclohexane	9.392	83	110813	17.834	ug/l	98
40) Benzene	8.386	78	322630	19.108	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	56732	18.309	ug/l	87
42) 1,2-Dichloroethane	8.463	62	116180	20.416	ug/l	99
43) Isopropyl Acetate	8.492	43	197519	21.355	ug/l	100
44) Trichloroethene	9.151	130	79941	18.670	ug/l	99
45) 1,2-Dichloropropane	9.428	63	83587	19.806	ug/l	96
46) Dibromomethane	9.516	93	59979	20.477	ug/l	99
47) Bromodichloromethane	9.698	83	115792	20.597	ug/l	97
48) Methyl methacrylate	9.498	41	86521	21.371	ug/l	93
49) 1,4-Dioxane	9.504	88	52688	461.672	ug/l	96
51) 4-Methyl-2-Pentanone	10.269	43	727030	109.595	ug/l	99
52) Toluene	10.445	92	202935	19.677	ug/l	98
53) t-1,3-Dichloropropene	10.657	75	112694	20.291	ug/l	99
54) cis-1,3-Dichloropropene	10.128	75	125523	20.056	ug/l	97
55) 1,1,2-Trichloroethane	10.839	97	91675	21.316	ug/l	98
56) Ethyl methacrylate	10.704	69	130506	22.017	ug/l	100
57) 1,3-Dichloropropane	10.986	76	152308	20.873	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	277533	94.903	ug/l	99
59) 2-Hexanone	11.027	43	557084	110.840	ug/l	98
60) Dibromochloromethane	11.180	129	91406	21.364	ug/l	99
61) 1,2-Dibromoethane	11.286	107	91617	20.684	ug/l	98
64) Tetrachloroethene	10.916	164	79967	18.906	ug/l	95
65) Chlorobenzene	11.710	112	221907	19.630	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.780	131	85701	21.136	ug/l	100
67) Ethyl Benzene	11.786	91	370906	19.448	ug/l	97
68) m/p-Xylenes	11.892	106	289160	39.753	ug/l	99
69) o-Xylene	12.222	106	144660	20.399	ug/l	98
70) Styrene	12.233	104	236300	20.816	ug/l	98
71) Bromoform	12.398	173	73758	22.038	ug/l #	99
73) Isopropylbenzene	12.522	105	368018	19.739	ug/l	100
74) N-amyl acetate	12.333	43	149316	21.197	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.769	83	145874	20.276	ug/l	100
76) 1,2,3-Trichloropropane	12.821	75	124671m	25.116	ug/l	
77) Bromobenzene	12.798	156	95759	19.723	ug/l	100
78) n-propylbenzene	12.863	91	415747	19.818	ug/l	98
79) 2-Chlorotoluene	12.945	91	256918	19.622	ug/l	99
80) 1,3,5-Trimethylbenzene	12.998	105	310452	20.234	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.569	75	39003	19.846	ug/l	99
82) 4-Chlorotoluene	13.045	91	243829	19.649	ug/l	98
83) tert-Butylbenzene	13.263	119	263568	19.394	ug/l	99
84) 1,2,4-Trimethylbenzene	13.310	105	308200	20.429	ug/l	99
85) sec-Butylbenzene	13.439	105	372806	19.848	ug/l	100
86) p-Isopropyltoluene	13.557	119	307343	20.757	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	172314	19.443	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	170190	19.193	ug/l	98
89) n-Butylbenzene	13.880	91	227628	18.894	ug/l	97
90) Hexachloroethane	14.151	117	58453	19.897	ug/l	97
91) 1,2-Dichlorobenzene	13.927	146	180075	20.052	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	30719	21.251	ug/l	94
93) 1,2,4-Trichlorobenzene	15.198	180	92809	20.811	ug/l	97
94) Hexachlorobutadiene	15.304	225	49163	20.278	ug/l	100
95) Naphthalene	15.433	128	309821	21.408	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	100034	21.312	ug/l	99

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

