

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083022\
 Data File : VN074179.D
 Acq On : 30 Aug 2022 21:15
 Operator : JC\MD
 Sample : VN0830WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0830WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/31/2022
 Supervised By : Semsettin Yesilyurt 08/31/2022

Quant Time: Aug 31 07:04:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 07:02:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	177561	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	337837	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	306259	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	134370	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	162975	59.169	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 118.340%			
35) Dibromofluoromethane	7.951	113	120700	54.904	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.800%			
50) Toluene-d8	10.381	98	488031	56.371	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 112.740%			
62) 4-Bromofluorobenzene	12.669	95	151743	57.636	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 115.280%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	35369	19.251	ug/l	94
3) Chloromethane	2.269	50	59005	22.801	ug/l	99
4) Vinyl Chloride	2.405	62	61003	23.723	ug/l	98
5) Bromomethane	2.781	94	26679	18.977	ug/l	89
6) Chloroethane	2.946	64	43084	24.313	ug/l	88
7) Trichlorofluoromethane	3.304	101	102497	26.074	ug/l	92
8) Diethyl Ether	3.769	74	33387	19.971	ug/l	73
9) 1,1,2-Trichlorotrifluo...	4.128	101	44046	19.620	ug/l	90
10) Methyl Iodide	4.340	142	32804	18.104	ug/l #	88
11) Tert butyl alcohol	5.298	59	76353	119.239	ug/l	99
12) 1,1-Dichloroethene	4.110	96	43138	20.721	ug/l	93
13) Acrolein	3.981	56	57863	95.032	ug/l	96
14) Allyl chloride	4.757	41	101732	21.914	ug/l #	90
15) Acrylonitrile	5.475	53	228722	114.943	ug/l	98
16) Acetone	4.216	43	198912	108.073	ug/l	96
17) Carbon Disulfide	4.446	76	124171	20.958	ug/l	99
18) Methyl Acetate	4.775	43	121341	25.021	ug/l #	85
19) Methyl tert-butyl Ether	5.534	73	160834	20.886	ug/l	93
20) Methylene Chloride	5.010	84	57686	22.130	ug/l #	70
21) trans-1,2-Dichloroethene	5.510	96	49611	20.647	ug/l	92
22) Diisopropyl ether	6.410	45	214506	22.679	ug/l #	95
23) Vinyl Acetate	6.345	43	904205	113.226	ug/l #	93
24) 1,1-Dichloroethane	6.304	63	103127	22.101	ug/l	98
25) 2-Butanone	7.263	43	334196	113.505	ug/l	89
26) 2,2-Dichloropropane	7.245	77	58081	19.467	ug/l	98
27) cis-1,2-Dichloroethene	7.245	96	59140	22.036	ug/l	95
28) Bromochloromethane	7.581	49	35315	21.472	ug/l #	75
29) Tetrahydrofuran	7.610	42	228310	121.758	ug/l #	82
30) Chloroform	7.751	83	102171	21.480	ug/l	96
31) Cyclohexane	8.022	56	99493	21.862	ug/l	91
32) 1,1,1-Trichloroethane	7.945	97	79061	21.612	ug/l	95
36) 1,1-Dichloropropene	8.151	75	73757	20.678	ug/l	95
37) Ethyl Acetate	7.340	43	133607	22.398	ug/l #	92
38) Carbon Tetrachloride	8.134	117	67005	20.637	ug/l	98
39) Methylcyclohexane	9.398	83	83255	19.883	ug/l	92
40) Benzene	8.392	78	241029	21.521	ug/l	96

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41) Methacrylonitrile	7.563	41	66520	24.158	ug/l #	79
42) 1,2-Dichloroethane	8.463	62	84465	21.192	ug/l	97
43) Isopropyl Acetate	8.498	43	176124	21.963	ug/l #	91
44) Trichloroethene	9.145	130	50491	20.175	ug/l	99
45) 1,2-Dichloropropane	9.428	63	64273	21.255	ug/l	98
46) Dibromomethane	9.516	93	41356	20.477	ug/l #	84
47) Bromodichloromethane	9.698	83	78097	19.733	ug/l	98
48) Methyl methacrylate	9.498	41	77155	20.255	ug/l #	84
49) 1,4-Dioxane	9.504	88	35869	436.461	ug/l #	91
51) 4-Methyl-2-Pentanone	10.269	43	652299	112.079	ug/l	89
52) Toluene	10.445	92	148460	22.489	ug/l	99
53) t-1,3-Dichloropropene	10.663	75	73436	19.570	ug/l	97
54) cis-1,3-Dichloropropene	10.128	75	85006	20.234	ug/l #	89
55) 1,1,2-Trichloroethane	10.839	97	60444	21.168	ug/l	95
56) Ethyl methacrylate	10.698	69	95938	22.166	ug/l #	81
57) 1,3-Dichloropropane	10.986	76	101784	20.510	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.981	63	228613	104.415	ug/l	89
59) 2-Hexanone	11.028	43	503681	114.041	ug/l	89
60) Dibromochloromethane	11.180	129	54706	20.454	ug/l	96
61) 1,2-Dibromoethane	11.286	107	56804	20.819	ug/l	96
64) Tetrachloroethene	10.916	164	40518	18.265	ug/l	93
65) Chlorobenzene	11.710	112	142756	20.714	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.786	131	48672	19.870	ug/l	93
67) Ethyl Benzene	11.786	91	262622	21.235	ug/l	97
68) m/p-Xylenes	11.892	106	200757	43.697	ug/l	99
69) o-Xylene	12.222	106	98223	21.456	ug/l	97
70) Styrene	12.233	104	163021	22.352	ug/l	99
71) Bromoform	12.398	173	38424	18.520	ug/l #	95
73) Isopropylbenzene	12.516	105	254648	22.129	ug/l	97
74) N-amyl acetate	12.327	43	140328	21.554	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.769	83	106161	22.245	ug/l	97
76) 1,2,3-Trichloropropane	12.822	75	70886m	20.895	ug/l	
77) Bromobenzene	12.798	156	53805	19.989	ug/l	75
78) n-propylbenzene	12.863	91	296391	22.596	ug/l	96
79) 2-Chlorotoluene	12.945	91	177385	22.078	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	206566	22.072	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.563	75	27338	21.118	ug/l	89
82) 4-Chlorotoluene	13.045	91	168139	21.628	ug/l	98
83) tert-Butylbenzene	13.263	119	174185	21.758	ug/l	98
84) 1,2,4-Trimethylbenzene	13.310	105	208472	23.081	ug/l	98
85) sec-Butylbenzene	13.439	105	255510	22.753	ug/l	96
86) p-Isopropyltoluene	13.557	119	199382	22.818	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	103532	21.576	ug/l	97
88) 1,4-Dichlorobenzene	13.633	146	105927	21.339	ug/l	97
89) n-Butylbenzene	13.880	91	163910	21.538	ug/l	93
90) Hexachloroethane	14.145	117	37169	20.633	ug/l	82
91) 1,2-Dichlorobenzene	13.927	146	105506	20.859	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.539	75	19731	20.686	ug/l	88
93) 1,2,4-Trichlorobenzene	15.192	180	49980	20.201	ug/l	96
94) Hexachlorobutadiene	15.298	225	23603	19.399	ug/l	94
95) Naphthalene	15.439	128	196233	19.954	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	49114	19.162	ug/l	98

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

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