

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090922\
 Data File : VN074380.D
 Acq On : 09 Sep 2022 18:07
 Operator : JC\MD
 Sample : VN0909WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/12/2022
 Supervised By : Mahesh Dadoda 09/12/2022

Quant Time: Sep 10 06:21:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 06:10:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.010	168	317578	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	561329	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	514525	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	237196	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	266828	48.562	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.120%		
35) Dibromofluoromethane	7.951	113	194978	51.452	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.900%		
50) Toluene-d8	10.380	98	740161	50.127	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.260%		
62) 4-Bromofluorobenzene	12.674	95	264356	49.312	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.620%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	69053	16.778	ug/l	98
3) Chloromethane	2.263	50	94439	18.253	ug/l	92
4) Vinyl Chloride	2.404	62	126674	18.423	ug/l	96
5) Bromomethane	2.787	94	93403	19.440	ug/l	93
6) Chloroethane	2.957	64	88479m	18.025	ug/l	
7) Trichlorofluoromethane	3.304	101	116683	17.187	ug/l	99
8) Diethyl Ether	3.763	74	48361	16.882	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.134	101	70130	17.238	ug/l	98
10) Methyl Iodide	4.340	142	80603	17.139	ug/l	99
11) Tert butyl alcohol	5.287	59	122502	85.238	ug/l	100
12) 1,1-Dichloroethene	4.104	96	68529	17.310	ug/l	98
13) Acrolein	3.981	56	90642	94.947	ug/l	98
14) Allyl chloride	4.757	41	143276	16.499	ug/l	99
15) Acrylonitrile	5.469	53	286499	87.134	ug/l	100
16) Acetone	4.216	43	253570	85.482	ug/l	99
17) Carbon Disulfide	4.451	76	181523	16.871	ug/l	99
18) Methyl Acetate	4.775	43	149871	17.139	ug/l	99
19) Methyl tert-butyl Ether	5.528	73	269782	16.931	ug/l	97
20) Methylene Chloride	5.016	84	82621	18.020	ug/l	95
21) trans-1,2-Dichloroethene	5.510	96	70778	15.955	ug/l	97
22) Diisopropyl ether	6.410	45	288551	16.503	ug/l	99
23) Vinyl Acetate	6.345	43	1354812	86.825	ug/l	99
24) 1,1-Dichloroethane	6.292	63	151385	16.850	ug/l	98
25) 2-Butanone	7.251	43	429345	86.224	ug/l	97
26) 2,2-Dichloropropane	7.239	77	131431	16.171	ug/l	98
27) cis-1,2-Dichloroethene	7.239	96	86667	15.858	ug/l	97
28) Bromochloromethane	7.575	49	43861	15.674	ug/l	99
29) Tetrahydrofuran	7.610	42	286585	87.065	ug/l	98
30) Chloroform	7.745	83	153557	17.123	ug/l	88
31) Cyclohexane	8.016	56	149851	17.148	ug/l #	90
32) 1,1,1-Trichloroethane	7.939	97	131987	16.406	ug/l	97
36) 1,1-Dichloropropene	8.145	75	108837	17.433	ug/l	99
37) Ethyl Acetate	7.334	43	167908	18.541	ug/l	98
38) Carbon Tetrachloride	8.139	117	111682	17.328	ug/l	93
39) Methylcyclohexane	9.392	83	137409	17.366	ug/l	93
40) Benzene	8.386	78	344483	18.022	ug/l	97

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41) Methacrylonitrile	7.563	41	76759	17.081	ug/l	88
42) 1,2-Dichloroethane	8.463	62	129510	17.723	ug/l	99
43) Isopropyl Acetate	8.492	43	268807	18.150	ug/l	98
44) Trichloroethene	9.151	130	73974	17.262	ug/l	85
45) 1,2-Dichloropropane	9.428	63	89322	17.603	ug/l	93
46) Dibromomethane	9.510	93	62710	18.050	ug/l	95
47) Bromodichloromethane	9.698	83	120865	17.453	ug/l	96
48) Methyl methacrylate	9.498	41	120561	18.471	ug/l	94
49) 1,4-Dioxane	9.498	88	45530	331.008	ug/l	91
51) 4-Methyl-2-Pentanone	10.269	43	889046	91.791	ug/l	99
52) Toluene	10.445	92	216383	18.305	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	132941	17.402	ug/l	97
54) cis-1,3-Dichloropropene	10.128	75	145296	17.840	ug/l	98
55) 1,1,2-Trichloroethane	10.839	97	86198	17.690	ug/l	97
56) Ethyl methacrylate	10.704	69	154521	18.664	ug/l	98
57) 1,3-Dichloropropane	10.986	76	153891	18.069	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.980	63	345637	89.744	ug/l	99
59) 2-Hexanone	11.027	43	695165	93.007	ug/l	98
60) Dibromochloromethane	11.180	129	87031	17.641	ug/l	99
61) 1,2-Dibromoethane	11.286	107	88257	17.606	ug/l	99
64) Tetrachloroethene	10.916	164	60621	17.380	ug/l	97
65) Chlorobenzene	11.710	112	218808	17.636	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.780	131	84152	17.364	ug/l	98
67) Ethyl Benzene	11.786	91	414672	17.696	ug/l	99
68) m/p-Xylenes	11.892	106	310413	35.237	ug/l	99
69) o-Xylene	12.221	106	157974	17.840	ug/l	98
70) Styrene	12.233	104	250705	17.808	ug/l	97
71) Bromoform	12.398	173	62635	17.255	ug/l #	99
73) Isopropylbenzene	12.521	105	412736	18.111	ug/l	97
74) N-amyl acetate	12.333	43	231456	19.037	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.769	83	152033	17.752	ug/l	100
76) 1,2,3-Trichloropropane	12.827	75	134164m	21.637	ug/l	
77) Bromobenzene	12.804	156	87189	17.822	ug/l	95
78) n-propylbenzene	12.863	91	484129	18.544	ug/l	99
79) 2-Chlorotoluene	12.951	91	285302	17.924	ug/l	99
80) 1,3,5-Trimethylbenzene	13.004	105	344872	18.241	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.569	75	49133	17.662	ug/l	93
82) 4-Chlorotoluene	13.045	91	275599	17.945	ug/l	99
83) tert-Butylbenzene	13.263	119	295441	17.357	ug/l	98
84) 1,2,4-Trimethylbenzene	13.310	105	338229	18.049	ug/l	98
85) sec-Butylbenzene	13.445	105	414071	17.876	ug/l	98
86) p-Isopropyltoluene	13.557	119	328198	17.701	ug/l	99
87) 1,3-Dichlorobenzene	13.557	146	162903	18.010	ug/l	98
88) 1,4-Dichlorobenzene	13.639	146	160662	17.583	ug/l	100
89) n-Butylbenzene	13.886	91	290936	18.440	ug/l	99
90) Hexachloroethane	14.151	117	67913	17.338	ug/l	97
91) 1,2-Dichlorobenzene	13.927	146	162997	17.135	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	36834	18.047	ug/l	97
93) 1,2,4-Trichlorobenzene	15.204	180	85046	17.942	ug/l	97
94) Hexachlorobutadiene	15.304	225	38029	17.701	ug/l	94
95) Naphthalene	15.439	128	329572	17.772	ug/l	100
96) 1,2,3-Trichlorobenzene	15.633	180	84054	17.136	ug/l	99

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

