

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041123\
 Data File : VN077294.D
 Acq On : 11 Apr 2023 10:49
 Operator : JC\MD
 Sample : VN0411WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0411WBS01

Quant Time: Apr 12 04:36:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 06 08:27:03 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/12/2023
 Supervised By : Mahesh Dadoda 04/12/2023

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	488113	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	951732	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	880301	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	366952	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	346718	51.972	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.940%			
35) Dibromofluoromethane	8.172	113	305667	50.169	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.340%			
50) Toluene-d8	10.572	98	1255877	51.203	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.400%			
62) 4-Bromofluorobenzene	12.848	95	412323	50.546	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.100%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	112068	17.988	ug/l	98
3) Chloromethane	2.372	50	132566	17.171	ug/l	100
4) Vinyl Chloride	2.525	62	187978	17.958	ug/l	99
5) Bromomethane	2.960	94	142909	18.832	ug/l	88
6) Chloroethane	3.125	64	130933	17.527	ug/l	99
7) Trichlorofluoromethane	3.507	101	178603	19.678	ug/l	96
8) Diethyl Ether	3.972	74	74847	19.679	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.378	101	108744	19.577	ug/l	99
10) Methyl Iodide	4.601	142	125084	18.516	ug/l	100
11) Tert butyl alcohol	5.531	59	124979	91.811	ug/l	98
12) 1,1-Dichloroethene	4.348	96	106751	18.670	ug/l	98
13) Acrolein	4.184	56	129465	100.419	ug/l	99
14) Allyl chloride	5.031	41	145933	16.898	ug/l	96
15) Acrylonitrile	5.731	53	271420	90.190	ug/l	99
16) Acetone	4.437	43	241366	98.128	ug/l	99
17) Carbon Disulfide	4.719	76	284201	18.432	ug/l	96
18) Methyl Acetate	5.037	43	162882	17.387	ug/l	98
19) Methyl tert-butyl Ether	5.807	73	385328	18.992	ug/l	95
20) Methylene Chloride	5.290	84	124977	17.991	ug/l	97
21) trans-1,2-Dichloroethene	5.795	96	120579	19.260	ug/l	96
22) Diisopropyl ether	6.678	45	328072	18.949	ug/l	99
23) Vinyl Acetate	6.613	43	1091901	93.272	ug/l	97
24) 1,1-Dichloroethane	6.578	63	209280	18.719	ug/l	100
25) 2-Butanone	7.489	43	356369	89.270	ug/l	94
26) 2,2-Dichloropropane	7.495	77	204943	19.991	ug/l	98
27) cis-1,2-Dichloroethene	7.495	96	145850	19.077	ug/l	99
28) Bromochloromethane	7.819	49	89080	19.807	ug/l	96
29) Tetrahydrofuran	7.842	42	226840	88.396	ug/l	97
30) Chloroform	7.972	83	229916	19.284	ug/l	97
31) Cyclohexane	8.260	56	192796	18.599	ug/l	100
32) 1,1,1-Trichloroethane	8.172	97	207910	19.174	ug/l	95
36) 1,1-Dichloropropene	8.378	75	168515	18.701	ug/l	100
37) Ethyl Acetate	7.566	43	150433	18.659	ug/l	98
38) Carbon Tetrachloride	8.366	117	180902	19.595	ug/l	98
39) Methylcyclohexane	9.601	83	229355	18.876	ug/l	98
40) Benzene	8.613	78	537413	19.120	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	79215	18.279	ug/l	99
42) 1,2-Dichloroethane	8.672	62	169033	19.540	ug/l	98
43) Isopropyl Acetate	8.689	43	261872	17.603	ug/l	97
44) Trichloroethene	9.354	130	130209	19.361	ug/l	95
45) 1,2-Dichloropropane	9.625	63	133442	19.990	ug/l	97
46) Dibromomethane	9.707	93	96841	19.255	ug/l	97
47) Bromodichloromethane	9.889	83	190927	18.993	ug/l	97
48) Methyl methacrylate	9.683	41	109599	17.270	ug/l	97
49) 1,4-Dioxane	9.695	88	57040	370.716	ug/l	96
51) 4-Methyl-2-Pentanone	10.448	43	791224	92.011	ug/l	100
52) Toluene	10.630	92	362996	19.731	ug/l	98
53) t-1,3-Dichloropropene	10.836	75	208511	19.101	ug/l	99
54) cis-1,3-Dichloropropene	10.319	75	227059	19.528	ug/l	96
55) 1,1,2-Trichloroethane	11.019	97	134347	18.603	ug/l	95
56) Ethyl methacrylate	10.877	69	210868	18.747	ug/l	98
57) 1,3-Dichloropropane	11.166	76	229356	19.223	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.160	63	313709	93.689	ug/l	100
59) 2-Hexanone	11.195	43	579932	90.524	ug/l	99
60) Dibromochloromethane	11.360	129	147265	19.800	ug/l	100
61) 1,2-Dibromoethane	11.471	107	139016	19.286	ug/l	99
64) Tetrachloroethene	11.107	164	102468	18.843	ug/l	95
65) Chlorobenzene	11.895	112	369784	19.080	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.966	131	136700	18.641	ug/l	98
67) Ethyl Benzene	11.966	91	679861	19.010	ug/l	99
68) m/p-Xylenes	12.071	106	534494	38.036	ug/l	99
69) o-Xylene	12.401	106	272908	19.686	ug/l	97
70) Styrene	12.413	104	421172	18.879	ug/l	99
71) Bromoform	12.577	173	92239	17.869	ug/l #	99
73) Isopropylbenzene	12.701	105	675628	18.956	ug/l	100
74) N-amyl acetate	12.495	43	229898	17.021	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.942	83	205016	18.329	ug/l	98
76) 1,2,3-Trichloropropane	12.995	75	176656m	20.217	ug/l	
77) Bromobenzene	12.983	156	136073	18.776	ug/l	97
78) n-propylbenzene	13.036	91	761038	19.325	ug/l	99
79) 2-Chlorotoluene	13.130	91	443689	18.711	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	560472	19.688	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.742	75	70499	18.156	ug/l	93
82) 4-Chlorotoluene	13.224	91	427211	19.108	ug/l	100
83) tert-Butylbenzene	13.442	119	480333	18.956	ug/l	99
84) 1,2,4-Trimethylbenzene	13.489	105	545451	19.395	ug/l	100
85) sec-Butylbenzene	13.618	105	685985	19.426	ug/l	100
86) p-Isopropyltoluene	13.730	119	545894	19.670	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	255419	19.050	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	253082	19.141	ug/l	99
89) n-Butylbenzene	14.060	91	443197	19.236	ug/l	100
90) Hexachloroethane	14.336	117	114702	18.902	ug/l	97
91) 1,2-Dichlorobenzene	14.113	146	258415	19.266	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	37237	17.566	ug/l	96
93) 1,2,4-Trichlorobenzene	15.365	180	87184	18.006	ug/l	98
94) Hexachlorobutadiene	15.465	225	51972	18.543	ug/l	99
95) Naphthalene	15.589	128	321150	17.657	ug/l	99
96) 1,2,3-Trichlorobenzene	15.759	180	83717	18.076	ug/l	98

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

