

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041923\
 Data File : VN077369.D
 Acq On : 19 Apr 2023 12:19
 Operator : JC\MD
 Sample : VN0419WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0419WBS01

Quant Time: Apr 20 04:24:41 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 04/20/2023
 Supervised By : Mahesh Dadoda 04/22/2023

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	538208	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	994588	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	890420	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	357011	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	353737	48.089	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.180%		
35) Dibromofluoromethane	8.172	113	315353	49.529	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.060%		
50) Toluene-d8	10.572	98	1200145	46.823	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.640%		
62) 4-Bromofluorobenzene	12.848	95	396138	46.469	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.940%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	107721	15.681	ug/l	91
3) Chloromethane	2.372	50	98567	11.579	ug/l	98
4) Vinyl Chloride	2.525	62	139427	12.080	ug/l	97
5) Bromomethane	2.960	94	118131	14.118	ug/l	99
6) Chloroethane	3.125	64	98493	11.957	ug/l	98
7) Trichlorofluoromethane	3.507	101	182454	18.231	ug/l	99
8) Diethyl Ether	3.966	74	69200	16.501	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.378	101	107324	17.523	ug/l	99
10) Methyl Iodide	4.601	142	119693	16.069	ug/l	94
11) Tert butyl alcohol	5.531	59	97824	65.174	ug/l	99
12) 1,1-Dichloroethene	4.354	96	101885	16.160	ug/l	91
13) Acrolein	4.190	56	115863	81.504	ug/l	93
14) Allyl chloride	5.031	41	129107	13.558	ug/l	92
15) Acrylonitrile	5.731	53	244404	73.654	ug/l	98
16) Acetone	4.443	43	204111	75.258	ug/l	99
17) Carbon Disulfide	4.713	76	238468	14.026	ug/l	97
18) Methyl Acetate	5.037	43	152813	14.794	ug/l	94
19) Methyl tert-butyl Ether	5.795	73	373532	16.697	ug/l	93
20) Methylene Chloride	5.290	84	118883	15.521	ug/l	94
21) trans-1,2-Dichloroethene	5.795	96	110889	16.064	ug/l	94
22) Diisopropyl ether	6.678	45	287519	15.061	ug/l	94
23) Vinyl Acetate	6.607	43	1074348m	83.231	ug/l	
24) 1,1-Dichloroethane	6.578	63	195708	15.876	ug/l	95
25) 2-Butanone	7.489	43	299840	68.119	ug/l	93
26) 2,2-Dichloropropane	7.495	77	191847	16.971	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	135972	16.130	ug/l	99
28) Bromochloromethane	7.813	49	70639	14.245	ug/l	90
29) Tetrahydrofuran	7.842	42	187631	66.311	ug/l	94
30) Chloroform	7.966	83	223314	16.987	ug/l	95
31) Cyclohexane	8.260	56	167794	14.680	ug/l	96
32) 1,1,1-Trichloroethane	8.172	97	205454	17.184	ug/l	93
36) 1,1-Dichloropropene	8.378	75	152941	16.241	ug/l	97
37) Ethyl Acetate	7.560	43	121329	14.400	ug/l	97
38) Carbon Tetrachloride	8.372	117	174099	18.045	ug/l	95
39) Methylcyclohexane	9.601	83	204138	16.076	ug/l	98
40) Benzene	8.607	78	479061	16.310	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	64556	14.254	ug/l	96
42) 1,2-Dichloroethane	8.678	62	162065	17.927	ug/l	98
43) Isopropyl Acetate	8.695	43	223409	14.370	ug/l	97
44) Trichloroethene	9.354	130	124043	17.650	ug/l	98
45) 1,2-Dichloropropane	9.625	63	119194	17.087	ug/l	98
46) Dibromomethane	9.713	93	87786	16.703	ug/l	96
47) Bromodichloromethane	9.889	83	180647	17.196	ug/l	99
48) Methyl methacrylate	9.683	41	97000	14.626	ug/l	93
49) 1,4-Dioxane	9.695	88	48065	298.925	ug/l	93
51) 4-Methyl-2-Pentanone	10.442	43	644866	71.760	ug/l	97
52) Toluene	10.630	92	329885	17.159	ug/l	98
53) t-1,3-Dichloropropene	10.836	75	186994	16.392	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	204753	16.851	ug/l	96
55) 1,1,2-Trichloroethane	11.019	97	131005	17.359	ug/l	96
56) Ethyl methacrylate	10.877	69	185287	15.763	ug/l	97
57) 1,3-Dichloropropane	11.166	76	209755	16.823	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.166	63	291673	83.354	ug/l	95
59) 2-Hexanone	11.195	43	469564	70.138	ug/l	98
60) Dibromochloromethane	11.360	129	139036	17.888	ug/l	100
61) 1,2-Dibromoethane	11.472	107	128765	17.094	ug/l	99
64) Tetrachloroethene	11.101	164	97445	17.715	ug/l	96
65) Chlorobenzene	11.895	112	347190	17.710	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.960	131	130411	17.582	ug/l	99
67) Ethyl Benzene	11.966	91	617831	17.079	ug/l	98
68) m/p-Xylenes	12.071	106	480787	33.825	ug/l	100
69) o-Xylene	12.401	106	240154	17.126	ug/l	100
70) Styrene	12.413	104	377508	16.730	ug/l	99
71) Bromoform	12.577	173	88085	16.870	ug/l #	99
73) Isopropylbenzene	12.695	105	620057	17.881	ug/l	100
74) N-amyl acetate	12.495	43	183273	13.947	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.942	83	181263	16.657	ug/l	96
76) 1,2,3-Trichloropropane	12.995	75	133559m	15.710	ug/l	
77) Bromobenzene	12.983	156	129259	18.333	ug/l	94
78) n-propylbenzene	13.036	91	669705	17.479	ug/l	100
79) 2-Chlorotoluene	13.130	91	409563	17.753	ug/l	98
80) 1,3,5-Trimethylbenzene	13.177	105	483047	17.441	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.742	75	61953	16.399	ug/l	88
82) 4-Chlorotoluene	13.224	91	376633	17.315	ug/l	96
83) tert-Butylbenzene	13.442	119	434502	17.625	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	441450	16.134	ug/l	98
85) sec-Butylbenzene	13.618	105	619983	18.045	ug/l	100
86) p-Isopropyltoluene	13.730	119	482599	17.873	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	230045	17.636	ug/l	98
88) 1,4-Dichlorobenzene	13.813	146	228836	17.789	ug/l	97
89) n-Butylbenzene	14.060	91	374703	16.716	ug/l	97
90) Hexachloroethane	14.336	117	106202	17.989	ug/l	94
91) 1,2-Dichlorobenzene	14.107	146	229837	17.613	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	32394	15.707	ug/l	97
93) 1,2,4-Trichlorobenzene	15.371	180	55082	11.693	ug/l	98
94) Hexachlorobutadiene	15.465	225	46049	16.887	ug/l	99
95) Naphthalene	15.589	128	204235	11.541	ug/l	99
96) 1,2,3-Trichlorobenzene	15.759	180	53743	11.927	ug/l	94

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

