

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032723\
 Data File : VN077207.D
 Acq On : 27 Mar 2023 17:41
 Operator : JC\MD
 Sample : VN0327WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0327WBS02

Quant Time: Mar 28 07:28:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032523W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 27 02:47:06 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/28/2023
 Supervised By : Semsettin Yesilyurt 03/28/2023

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	440245	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	751421	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	680440	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	298632	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	333042	48.383	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.760%		
35) Dibromofluoromethane	8.172	113	248110	48.661	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.320%		
50) Toluene-d8	10.572	98	958561	50.173	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.340%		
62) 4-Bromofluorobenzene	12.854	95	309400	49.344	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.680%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.143	85	75679	16.479	ug/l	97
3) Chloromethane	2.372	50	120899	18.766	ug/l	91
4) Vinyl Chloride	2.525	62	140309	19.281	ug/l	100
5) Bromomethane	2.966	94	96798	16.665	ug/l	91
6) Chloroethane	3.131	64	102468	16.242	ug/l	98
7) Trichlorofluoromethane	3.507	101	184339	16.520	ug/l	99
8) Diethyl Ether	3.978	74	59642	16.239	ug/l	62
9) 1,1,2-Trichlorotrifluo...	4.390	101	88241	18.477	ug/l	97
10) Methyl Iodide	4.596	142	93729	17.395	ug/l	98
11) Tert butyl alcohol	5.525	59	83725	89.246	ug/l #	85
12) 1,1-Dichloroethene	4.354	96	83788	18.445	ug/l #	82
13) Acrolein	4.190	56	118236	89.858	ug/l	98
14) Allyl chloride	5.037	41	148785	17.434	ug/l #	84
15) Acrylonitrile	5.731	53	263177	89.985	ug/l	99
16) Acetone	4.437	43	249527	97.494	ug/l	91
17) Carbon Disulfide	4.725	76	233366	18.359	ug/l	97
18) Methyl Acetate	5.043	43	184313	18.000	ug/l #	81
19) Methyl tert-butyl Ether	5.807	73	288478	17.865	ug/l #	86
20) Methylene Chloride	5.290	84	105387	18.491	ug/l #	78
21) trans-1,2-Dichloroethene	5.796	96	91007	18.256	ug/l	84
22) Diisopropyl ether	6.678	45	339810	18.473	ug/l #	88
23) Vinyl Acetate	6.613	43	1083799	91.306	ug/l #	86
24) 1,1-Dichloroethane	6.578	63	188963	18.374	ug/l	94
25) 2-Butanone	7.495	43	365753	91.395	ug/l #	80
26) 2,2-Dichloropropane	7.495	77	138463	19.524	ug/l	100
27) cis-1,2-Dichloroethene	7.490	96	104290	18.136	ug/l	83
28) Bromochloromethane	7.819	49	87252	16.637	ug/l #	70
29) Tetrahydrofuran	7.848	42	243855	91.984	ug/l #	74
30) Chloroform	7.972	83	182467	18.014	ug/l	99
31) Cyclohexane	8.266	56	177766	18.590	ug/l #	81
32) 1,1,1-Trichloroethane	8.172	97	161449	18.565	ug/l	94
36) 1,1-Dichloropropene	8.378	75	135260	19.061	ug/l	95
37) Ethyl Acetate	7.566	43	147889	18.697	ug/l #	90
38) Carbon Tetrachloride	8.366	117	139514	19.390	ug/l	92
39) Methylcyclohexane	9.607	83	162332	19.586	ug/l #	83
40) Benzene	8.613	78	413315	19.005	ug/l	97

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41) Methacrylonitrile	7.784	41	80052	18.517	ug/l #	80
42) 1,2-Dichloroethane	8.672	62	151731	18.504	ug/l	94
43) Isopropyl Acetate	8.695	43	234044	18.341	ug/l #	85
44) Trichloroethene	9.360	130	94661	18.997	ug/l	93
45) 1,2-Dichloropropane	9.625	63	108548	18.767	ug/l	98
46) Dibromomethane	9.713	93	71307	18.863	ug/l	100
47) Bromodichloromethane	9.889	83	144677	19.243	ug/l	98
48) Methyl methacrylate	9.684	41	109010	17.739	ug/l #	77
49) 1,4-Dioxane	9.701	88	41514	396.275	ug/l #	82
51) 4-Methyl-2-Pentanone	10.448	43	749894	93.396	ug/l #	85
52) Toluene	10.631	92	255023	19.228	ug/l	99
53) t-1,3-Dichloropropene	10.842	75	140752	18.449	ug/l	95
54) cis-1,3-Dichloropropene	10.313	75	158400	18.971	ug/l #	82
55) 1,1,2-Trichloroethane	11.019	97	96299	18.495	ug/l	95
56) Ethyl methacrylate	10.878	69	139647	18.169	ug/l #	66
57) 1,3-Dichloropropane	11.166	76	172636	18.599	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.160	63	276091	92.085	ug/l	89
59) 2-Hexanone	11.201	43	537300	93.114	ug/l	81
60) Dibromochloromethane	11.366	129	100018	18.699	ug/l	96
61) 1,2-Dibromoethane	11.472	107	95053	18.370	ug/l	98
64) Tetrachloroethene	11.107	164	79234	18.772	ug/l	94
65) Chlorobenzene	11.895	112	256077	18.679	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.960	131	94179	18.804	ug/l	99
67) Ethyl Benzene	11.966	91	468358	18.779	ug/l	97
68) m/p-Xylenes	12.072	106	361696	38.129	ug/l	97
69) o-Xylene	12.401	106	176760	19.242	ug/l	96
70) Styrene	12.413	104	273320	18.420	ug/l	96
71) Bromoform	12.583	173	65186	17.571	ug/l #	99
73) Isopropylbenzene	12.701	105	446106	18.986	ug/l	98
74) N-amyl acetate	12.495	43	182351	17.810	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.942	83	144923	18.466	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	109747m	18.116	ug/l	
77) Bromobenzene	12.983	156	101651	18.792	ug/l	91
78) n-propylbenzene	13.036	91	516896	19.075	ug/l	96
79) 2-Chlorotoluene	13.130	91	310795	18.652	ug/l	95
80) 1,3,5-Trimethylbenzene	13.177	105	371876	19.005	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.736	75	46521	22.133	ug/l #	75
82) 4-Chlorotoluene	13.224	91	297720	18.824	ug/l	95
83) tert-Butylbenzene	13.442	119	313898	18.968	ug/l	94
84) 1,2,4-Trimethylbenzene	13.483	105	371566	19.324	ug/l	95
85) sec-Butylbenzene	13.619	105	448909	19.019	ug/l	97
86) p-Isopropyltoluene	13.730	119	369831	19.564	ug/l	97
87) 1,3-Dichlorobenzene	13.736	146	186229	19.075	ug/l	100
88) 1,4-Dichlorobenzene	13.813	146	183340	18.776	ug/l	98
89) n-Butylbenzene	14.060	91	296240	19.114	ug/l	96
90) Hexachloroethane	14.336	117	66389	18.845	ug/l	90
91) 1,2-Dichlorobenzene	14.107	146	182230	18.714	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	26014	18.732	ug/l	87
93) 1,2,4-Trichlorobenzene	15.395	180	72060	18.242	ug/l	99
94) Hexachlorobutadiene	15.507	225	49055	19.859	ug/l	99
95) Naphthalene	15.642	128	209256	17.445	ug/l	100
96) 1,2,3-Trichlorobenzene	15.842	180	71766	18.585	ug/l	97

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

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