

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032323\
 Data File : VN077152.D
 Acq On : 23 Mar 2023 16:18
 Operator : JC\MD
 Sample : VN0323WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0323WBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/24/2023
 Supervised By :Mahesh Dadoda 03/24/2023

Quant Time: Mar 24 01:35:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 20 08:50:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	379551	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	671051	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	588911	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	260942	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	314138	51.815	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.640%			
35) Dibromofluoromethane	8.172	113	242407	51.582	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.160%			
50) Toluene-d8	10.572	98	866803	51.635	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.280%			
62) 4-Bromofluorobenzene	12.854	95	289730	48.842	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.680%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.143	85	63061	16.800	ug/l	93
3) Chloromethane	2.372	50	96596	25.259	ug/l	96
4) Vinyl Chloride	2.525	62	123432	29.903	ug/l	95
5) Bromomethane	2.960	94	96453	34.594	ug/l	94
6) Chloroethane	3.131	64	123846	47.416	ug/l	98
7) Trichlorofluoromethane	3.507	101	175466	19.760	ug/l	96
8) Diethyl Ether	3.978	74	60216	18.018	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.384	101	93654	18.592	ug/l	99
10) Methyl Iodide	4.601	142	101570	17.903	ug/l	92
11) Tert butyl alcohol	5.537	59	89002	100.745	ug/l	100
12) 1,1-Dichloroethene	4.354	96	83578	18.137	ug/l	92
13) Acrolein	4.195	56	99744	91.283	ug/l	99
14) Allyl chloride	5.042	41	138263	16.390	ug/l	89
15) Acrylonitrile	5.737	53	281249	94.699	ug/l	98
16) Acetone	4.443	43	276068	102.195	ug/l	95
17) Carbon Disulfide	4.725	76	198357	14.763	ug/l	97
18) Methyl Acetate	5.037	43	198671	19.503	ug/l	100
19) Methyl tert-butyl Ether	5.807	73	296742	17.943	ug/l	96
20) Methylene Chloride	5.290	84	104405	17.808	ug/l	92
21) trans-1,2-Dichloroethene	5.795	96	85493	17.117	ug/l	98
22) Diisopropyl ether	6.678	45	348390	18.849	ug/l	96
23) Vinyl Acetate	6.619	43	1075452	92.206	ug/l	100
24) 1,1-Dichloroethane	6.578	63	187658	17.743	ug/l	98
25) 2-Butanone	7.489	43	386110	97.706	ug/l	97
26) 2,2-Dichloropropane	7.501	77	137882	17.326	ug/l	97
27) cis-1,2-Dichloroethene	7.495	96	109451	19.134	ug/l	97
28) Bromochloromethane	7.819	49	88061	19.172	ug/l	95
29) Tetrahydrofuran	7.848	42	244049	95.304	ug/l	99
30) Chloroform	7.972	83	187138	18.230	ug/l	98
31) Cyclohexane	8.266	56	167579	16.894	ug/l	96
32) 1,1,1-Trichloroethane	8.178	97	157305	17.929	ug/l	95
36) 1,1-Dichloropropene	8.378	75	130596	17.792	ug/l	98
37) Ethyl Acetate	7.572	43	155170	19.758	ug/l	97
38) Carbon Tetrachloride	8.372	117	133501	18.673	ug/l	98
39) Methylcyclohexane	9.607	83	152993	17.807	ug/l	96
40) Benzene	8.613	78	407797	18.319	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	85375	20.180	ug/l	96
42) 1,2-Dichloroethane	8.678	62	155093	19.280	ug/l	99
43) Isopropyl Acetate	8.695	43	244370	19.919	ug/l	98
44) Trichloroethene	9.354	130	90478	17.695	ug/l	92
45) 1,2-Dichloropropane	9.630	63	109304	18.487	ug/l	99
46) Dibromomethane	9.713	93	75124	20.147	ug/l	98
47) Bromodichloromethane	9.895	83	144718	18.505	ug/l	98
48) Methyl methacrylate	9.689	41	117476	20.030	ug/l	92
49) 1,4-Dioxane	9.701	88	41390	413.178	ug/l	96
51) 4-Methyl-2-Pentanone	10.448	43	794585	104.006	ug/l	97
52) Toluene	10.630	92	248751	18.715	ug/l	98
53) t-1,3-Dichloropropene	10.836	75	138481	18.067	ug/l	97
54) cis-1,3-Dichloropropene	10.319	75	158831	18.366	ug/l	94
55) 1,1,2-Trichloroethane	11.019	97	101349	19.337	ug/l	94
56) Ethyl methacrylate	10.877	69	144993	18.397	ug/l #	91
57) 1,3-Dichloropropane	11.166	76	177078	18.454	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.166	63	278613	82.920	ug/l	99
59) 2-Hexanone	11.201	43	570183	102.898	ug/l	93
60) Dibromochloromethane	11.366	129	97971	18.609	ug/l	97
61) 1,2-Dibromoethane	11.477	107	95867	18.445	ug/l	98
64) Tetrachloroethene	11.107	164	73593	18.620	ug/l	97
65) Chlorobenzene	11.895	112	254449	18.778	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.966	131	91704	18.290	ug/l	97
67) Ethyl Benzene	11.966	91	459350	18.663	ug/l	99
68) m/p-Xylenes	12.077	106	358294	39.253	ug/l	94
69) o-Xylene	12.401	106	170171	18.763	ug/l	99
70) Styrene	12.413	104	279210	19.774	ug/l	99
71) Bromoform	12.577	173	67645	19.910	ug/l #	96
73) Isopropylbenzene	12.701	105	441760	18.891	ug/l	99
74) N-amyl acetate	12.495	43	194054	19.172	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.942	83	151851	17.924	ug/l	100
76) 1,2,3-Trichloropropane	12.995	75	119106m	17.646	ug/l	
77) Bromobenzene	12.983	156	103890	19.832	ug/l	87
78) n-propylbenzene	13.036	91	517517	19.171	ug/l	98
79) 2-Chlorotoluene	13.130	91	311823	18.128	ug/l	97
80) 1,3,5-Trimethylbenzene	13.177	105	373412	19.126	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.742	75	39519	16.116	ug/l	85
82) 4-Chlorotoluene	13.224	91	298515	18.250	ug/l	97
83) tert-Butylbenzene	13.442	119	317229	19.352	ug/l	96
84) 1,2,4-Trimethylbenzene	13.483	105	376697	19.334	ug/l	99
85) sec-Butylbenzene	13.618	105	453057	19.429	ug/l	98
86) p-Isopropyltoluene	13.736	119	361280	19.293	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	184965	18.682	ug/l	96
88) 1,4-Dichlorobenzene	13.813	146	177769	18.047	ug/l	99
89) n-Butylbenzene	14.060	91	291502	17.744	ug/l	98
90) Hexachloroethane	14.336	117	64449	16.928	ug/l	94
91) 1,2-Dichlorobenzene	14.112	146	186712	18.919	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.724	75	28058	17.873	ug/l	99
93) 1,2,4-Trichlorobenzene	15.401	180	75934	17.021	ug/l	98
94) Hexachlorobutadiene	15.507	225	49114	19.990	ug/l	99
95) Naphthalene	15.648	128	240333	15.244	ug/l	98
96) 1,2,3-Trichlorobenzene	15.848	180	77386	17.287	ug/l	97

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

