

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032123\
 Data File : VN077086.D
 Acq On : 21 Mar 2023 13:08
 Operator : JC\MD
 Sample : VN0321WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0321WBSD01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/22/2023
 Supervised By : Mahesh Dadoda 03/22/2023

Quant Time: Mar 21 23:15:13 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	377339	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	657402	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	586884	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	258743	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	299187	49.638	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.280%		
35) Dibromofluoromethane	8.172	113	227430	49.400	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.800%		
50) Toluene-d8	10.566	98	841123	51.146	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.300%		
62) 4-Bromofluorobenzene	12.848	95	304457	52.391	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.780%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.143	85	51190	13.495	ug/l	96
3) Chloromethane	2.378	50	49145	12.927	ug/l	100
4) Vinyl Chloride	2.531	62	72512	17.670	ug/l	94
5) Bromomethane	2.972	94	44505	16.056	ug/l	95
6) Chloroethane	3.137	64	48110	18.527	ug/l	100
7) Trichlorofluoromethane	3.507	101	153847	17.427	ug/l	97
8) Diethyl Ether	3.972	74	61153	18.406	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.384	101	87201	17.413	ug/l	99
10) Methyl Iodide	4.607	142	98698	17.498	ug/l	99
11) Tert butyl alcohol	5.531	59	79924	91.000	ug/l	100
12) 1,1-Dichloroethene	4.354	96	79309	17.312	ug/l	95
13) Acrolein	4.196	56	101111	93.077	ug/l	96
14) Allyl chloride	5.037	41	155082	18.491	ug/l	93
15) Acrylonitrile	5.725	53	264208	89.483	ug/l	98
16) Acetone	4.437	43	238656	88.864	ug/l	100
17) Carbon Disulfide	4.725	76	214004	16.020	ug/l	99
18) Methyl Acetate	5.037	43	180672	17.840	ug/l	98
19) Methyl tert-butyl Ether	5.801	73	311654	18.955	ug/l	96
20) Methylene Chloride	5.290	84	102556	17.595	ug/l	98
21) trans-1,2-Dichloroethene	5.801	96	89273	17.979	ug/l	97
22) Diisopropyl ether	6.684	45	348069	18.942	ug/l	98
23) Vinyl Acetate	6.613	43	1077474	92.921	ug/l	99
24) 1,1-Dichloroethane	6.578	63	188199	17.898	ug/l	98
25) 2-Butanone	7.490	43	352491	89.722	ug/l	100
26) 2,2-Dichloropropane	7.495	77	142863	18.057	ug/l	100
27) cis-1,2-Dichloroethene	7.495	96	106818	18.783	ug/l	99
28) Bromochloromethane	7.819	49	87311	19.120	ug/l	97
29) Tetrahydrofuran	7.842	42	233211	91.605	ug/l	99
30) Chloroform	7.972	83	185865	18.212	ug/l	98
31) Cyclohexane	8.266	56	166216	16.855	ug/l	98
32) 1,1,1-Trichloroethane	8.172	97	156238	17.912	ug/l	99
36) 1,1-Dichloropropene	8.378	75	131910	18.344	ug/l	98
37) Ethyl Acetate	7.572	43	139375	18.115	ug/l	97
38) Carbon Tetrachloride	8.372	117	131913	18.834	ug/l	98
39) Methylcyclohexane	9.607	83	159990	19.008	ug/l	98
40) Benzene	8.613	78	411899	18.887	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	80457	19.412	ug/l	97
42) 1,2-Dichloroethane	8.672	62	147884	18.766	ug/l	100
43) Isopropyl Acetate	8.689	43	229443	19.090	ug/l	98
44) Trichloroethene	9.354	130	92270	18.420	ug/l	95
45) 1,2-Dichloropropane	9.625	63	110327	19.048	ug/l	100
46) Dibromomethane	9.713	93	70997	19.436	ug/l	98
47) Bromodichloromethane	9.889	83	146450	19.115	ug/l	95
48) Methyl methacrylate	9.684	41	109986	19.142	ug/l	96
49) 1,4-Dioxane	9.695	88	40212	409.753	ug/l	96
51) 4-Methyl-2-Pentanone	10.448	43	724016	96.737	ug/l	100
52) Toluene	10.631	92	252731	19.409	ug/l	100
53) t-1,3-Dichloropropene	10.836	75	147312	19.618	ug/l	97
54) cis-1,3-Dichloropropene	10.313	75	168791	19.923	ug/l	97
55) 1,1,2-Trichloroethane	11.019	97	101184	19.706	ug/l	98
56) Ethyl methacrylate	10.878	69	155501	20.140	ug/l	98
57) 1,3-Dichloropropane	11.166	76	181305	19.286	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.166	63	280394	85.182	ug/l	98
59) 2-Hexanone	11.201	43	512059	94.327	ug/l	99
60) Dibromochloromethane	11.360	129	102346	19.843	ug/l	100
61) 1,2-Dibromoethane	11.472	107	99837	19.607	ug/l	98
64) Tetrachloroethene	11.107	164	73846	18.748	ug/l	97
65) Chlorobenzene	11.895	112	255549	18.925	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.960	131	97217	19.457	ug/l	99
67) Ethyl Benzene	11.966	91	469596	19.146	ug/l	97
68) m/p-Xylenes	12.072	106	355176	39.046	ug/l	100
69) o-Xylene	12.401	106	175055	19.368	ug/l	100
70) Styrene	12.413	104	277842	19.745	ug/l	98
71) Bromoform	12.577	173	65690	19.402	ug/l #	99
73) Isopropylbenzene	12.701	105	450366	19.423	ug/l	100
74) N-amyl acetate	12.495	43	189024	18.834	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.942	83	151489	18.033	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	115310m	17.229	ug/l	
77) Bromobenzene	12.983	156	98925	19.045	ug/l	95
78) n-propylbenzene	13.036	91	529339	19.775	ug/l	100
79) 2-Chlorotoluene	13.130	91	331392	19.429	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	387649	20.024	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.736	75	48078	19.773	ug/l	93
82) 4-Chlorotoluene	13.224	91	317855	19.597	ug/l	99
83) tert-Butylbenzene	13.442	119	315980	19.440	ug/l	98
84) 1,2,4-Trimethylbenzene	13.483	105	381282	19.736	ug/l	99
85) sec-Butylbenzene	13.619	105	458018	19.809	ug/l	99
86) p-Isopropyltoluene	13.730	119	371394	20.002	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	184320	18.775	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	183936	18.831	ug/l	98
89) n-Butylbenzene	14.060	91	313424	19.241	ug/l	100
90) Hexachloroethane	14.336	117	68457	18.133	ug/l	99
91) 1,2-Dichlorobenzene	14.107	146	184645	18.869	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.719	75	28033	18.009	ug/l	98
93) 1,2,4-Trichlorobenzene	15.395	180	87515	19.783	ug/l	97
94) Hexachlorobutadiene	15.501	225	46657	19.151	ug/l	98
95) Naphthalene	15.648	128	277085	17.414	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	86666	19.525	ug/l	97

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

