

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053023\
 Data File : VN077981.D
 Acq On : 30 May 2023 19:51
 Operator : JC\MD
 Sample : 02910-06MSD 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW33S-20230523MSD

Quant Time: May 31 02:12:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 05/31/2023
 Supervised By : Mahesh Dadoda 05/31/2023

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	322992	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	583099	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	520840	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	225594	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	239809	49.621	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.240%		
35) Dibromofluoromethane	8.177	113	203247	53.453	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	106.900%		
50) Toluene-d8	10.576	98	744860	50.894	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.780%		
62) 4-Bromofluorobenzene	12.859	95	252337	48.818	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.640%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	185861	50.563	ug/l	99
3) Chloromethane	2.371	50	205664	52.873	ug/l	97
4) Vinyl Chloride	2.518	62	274501	59.230	ug/l	100
5) Bromomethane	2.948	94	202492	59.077	ug/l	93
6) Chloroethane	3.124	64	203385	60.895	ug/l	95
7) Trichlorofluoromethane	3.500	101	379969	58.830	ug/l	97
8) Diethyl Ether	3.965	74	134822	57.179	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.383	101	209025	58.480	ug/l	98
10) Methyl Iodide	4.600	142	292052	68.514	ug/l	98
11) Tert butyl alcohol	5.530	59	190748	285.992	ug/l	100
12) 1,1-Dichloroethene	4.347	96	203931	60.030	ug/l	92
13) Acrolein	4.189	56	114310	278.800	ug/l	98
14) Allyl chloride	5.030	41	294884	59.088	ug/l	96
15) Acrylonitrile	5.736	53	520072	291.865	ug/l	99
16) Acetone	4.436	43	403564	265.423	ug/l	96
17) Carbon Disulfide	4.724	76	477817	52.201	ug/l	99
18) Methyl Acetate	5.036	43	372089	58.334	ug/l	90
19) Methyl tert-butyl Ether	5.806	73	731845	59.517	ug/l	96
20) Methylene Chloride	5.289	84	247310	63.006	ug/l	89
21) trans-1,2-Dichloroethene	5.794	96	226208	59.279	ug/l #	84
22) Diisopropyl ether	6.683	45	683086	58.396	ug/l	96
23) Vinyl Acetate	6.612	43	2052475	283.194	ug/l #	91
24) 1,1-Dichloroethane	6.583	63	435261	60.736	ug/l	98
25) 2-Butanone	7.494	43	651816	274.050	ug/l #	86
26) 2,2-Dichloropropane	7.500	77	348974	57.317	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	278769	60.926	ug/l	93
28) Bromochloromethane	7.818	49	179131	57.796	ug/l	89
29) Tetrahydrofuran	7.847	42	422851	271.512	ug/l	85
30) Chloroform	7.977	83	483619	61.347	ug/l	92
31) Cyclohexane	8.265	56	347696	52.935	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	418126	62.384	ug/l	97
36) 1,1-Dichloropropene	8.377	75	341791	61.457	ug/l	98
37) Ethyl Acetate	7.571	43	277995	56.081	ug/l #	95
38) Carbon Tetrachloride	8.371	117	366365	65.237	ug/l	97
39) Methylcyclohexane	9.606	83	384265	56.438	ug/l	90
40) Benzene	8.618	78	1033859	62.995	ug/l	98

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41) Methacrylonitrile	7.794	41	143215	54.250	ug/l	92
42) 1,2-Dichloroethane	8.682	62	358785	60.182	ug/l	97
43) Isopropyl Acetate	8.700	43	474017	58.544	ug/l	95
44) Trichloroethene	9.359	130	268387	64.584	ug/l	95
45) 1,2-Dichloropropane	9.629	63	263462	62.936	ug/l	94
46) Dibromomethane	9.718	93	185411	61.897	ug/l	95
47) Bromodichloromethane	9.894	83	379624	66.196	ug/l	96
48) Methyl methacrylate	9.688	41	224143	58.388	ug/l	90
49) 1,4-Dioxane	9.700	88	93118	1284.296	ug/l	94
51) 4-Methyl-2-Pentanone	10.453	43	1446963	300.648	ug/l	93
52) Toluene	10.635	92	654275	64.037	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	384005	63.231	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	419156	62.630	ug/l	96
55) 1,1,2-Trichloroethane	11.023	97	256668	63.268	ug/l	93
56) Ethyl methacrylate	10.882	69	383558	62.531	ug/l	93
57) 1,3-Dichloropropane	11.171	76	438011	62.981	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.171	63	759389	251.650	ug/l	93
59) 2-Hexanone	11.206	43	1016909	285.661	ug/l	93
60) Dibromochloromethane	11.365	129	281864	67.302	ug/l	100
61) 1,2-Dibromoethane	11.476	107	261871	64.705	ug/l	100
64) Tetrachloroethene	11.112	164	251607	69.078	ug/l	97
65) Chlorobenzene	11.900	112	708957	62.788	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.970	131	266753	68.277	ug/l	97
67) Ethyl Benzene	11.970	91	1283871	63.450	ug/l	96
68) m/p-Xylenes	12.076	106	980440	127.878	ug/l	98
69) o-Xylene	12.406	106	479400	63.580	ug/l	97
70) Styrene	12.418	104	773372	64.566	ug/l	98
71) Bromoform	12.588	173	177536	68.309	ug/l #	100
73) Isopropylbenzene	12.700	105	1243422	63.941	ug/l	99
74) N-amyl acetate	12.500	43	392165	54.559	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.947	83	359012	60.011	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	310174m	54.901	ug/l	
77) Bromobenzene	12.988	156	271794	61.246	ug/l	99
78) n-propylbenzene	13.041	91	1428380	62.304	ug/l	100
79) 2-Chlorotoluene	13.129	91	849473	62.095	ug/l	97
80) 1,3,5-Trimethylbenzene	13.182	105	1027056	62.840	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	100114	56.643	ug/l	90
82) 4-Chlorotoluene	13.229	91	813888	59.795	ug/l	98
83) tert-Butylbenzene	13.447	119	878685	61.584	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	1021750	63.566	ug/l	100
85) sec-Butylbenzene	13.623	105	1224994	60.412	ug/l	99
86) p-Isopropyltoluene	13.735	119	1022465	63.249	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	492392	59.997	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	475098	58.337	ug/l	99
89) n-Butylbenzene	14.064	91	819729	55.130	ug/l	98
90) Hexachloroethane	14.341	117	171847	64.709	ug/l	89
91) 1,2-Dichlorobenzene	14.112	146	488064	63.658	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.729	75	60595	52.318	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	202705	45.242	ug/l	98
94) Hexachlorobutadiene	15.511	225	93945	50.501	ug/l	98
95) Naphthalene	15.647	128	621798	40.320	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	213841	48.747	ug/l	99

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

