

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053023\
 Data File : VN077980.D
 Acq On : 30 May 2023 19:27
 Operator : JC\MD
 Sample : 02910-05MS 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW33S-20230523MS

Quant Time: May 31 02:11:54 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	8.236	168	348977	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	637442	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	572162	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	247729	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	274232	52.519	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.040%			
35) Dibromofluoromethane	8.177	113	231602	55.718	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.440%			
50) Toluene-d8	10.577	98	850947	53.186	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.380%			
62) 4-Bromofluorobenzene	12.859	95	297536	52.655	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.320%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	171843	43.268	ug/l	99
3) Chloromethane	2.371	50	196855	46.628	ug/l	97
4) Vinyl Chloride	2.518	62	261304	52.184	ug/l	96
5) Bromomethane	2.948	94	194887	52.624	ug/l	96
6) Chloroethane	3.118	64	193020	53.488	ug/l	100
7) Trichlorofluoromethane	3.501	101	362968	52.014	ug/l	99
8) Diethyl Ether	3.971	74	129850	50.970	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.383	101	204521	52.959	ug/l	98
10) Methyl Iodide	4.600	142	274500	59.601	ug/l	95
11) Tert butyl alcohol	5.530	59	191708	266.029	ug/l	99
12) 1,1-Dichloroethene	4.342	96	195164	53.171	ug/l	93
13) Acrolein	4.189	56	108996	242.231	ug/l	90
14) Allyl chloride	5.030	41	290115	53.804	ug/l	95
15) Acrylonitrile	5.724	53	510141	264.974	ug/l	99
16) Acetone	4.442	43	405870	247.063	ug/l	94
17) Carbon Disulfide	4.718	76	458537	46.365	ug/l	99
18) Methyl Acetate	5.036	43	367856	53.376	ug/l	90
19) Methyl tert-butyl Ether	5.800	73	707011	53.216	ug/l	99
20) Methylene Chloride	5.289	84	237095	55.674	ug/l	95
21) trans-1,2-Dichloroethene	5.795	96	217089	52.653	ug/l	89
22) Diisopropyl ether	6.683	45	676297	53.510	ug/l	95
23) Vinyl Acetate	6.612	43	2016245	257.481	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	425355	54.934	ug/l	94
25) 2-Butanone	7.494	43	652755	254.009	ug/l	90
26) 2,2-Dichloropropane	7.500	77	341009	51.839	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	268837	54.380	ug/l	93
28) Bromochloromethane	7.818	49	165916	49.547	ug/l	89
29) Tetrahydrofuran	7.841	42	432080	256.780	ug/l	85
30) Chloroform	7.977	83	464593	54.545	ug/l	93
31) Cyclohexane	8.265	56	339128	47.786	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	412549	56.969	ug/l	98
36) 1,1-Dichloropropene	8.377	75	330009	54.279	ug/l	98
37) Ethyl Acetate	7.571	43	271479	50.098	ug/l #	94
38) Carbon Tetrachloride	8.371	117	358077	58.325	ug/l	99
39) Methylcyclohexane	9.606	83	367873	49.424	ug/l	93
40) Benzene	8.612	78	1000854	55.785	ug/l	99

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41) Methacrylonitrile	7.788	41	155626	53.926	ug/l	90
42) 1,2-Dichloroethane	8.677	62	357582	54.867	ug/l	97
43) Isopropyl Acetate	8.694	43	466410	52.694	ug/l	96
44) Trichloroethene	9.359	130	261316	57.522	ug/l	99
45) 1,2-Dichloropropane	9.630	63	258532	56.493	ug/l	93
46) Dibromomethane	9.718	93	181374	55.387	ug/l	95
47) Bromodichloromethane	9.894	83	365662	58.325	ug/l	97
48) Methyl methacrylate	9.688	41	220867	52.630	ug/l	90
49) 1,4-Dioxane	9.700	88	97479	1229.827	ug/l	95
51) 4-Methyl-2-Pentanone	10.453	43	1450908	275.767	ug/l	93
52) Toluene	10.641	92	647761	57.995	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	373952	56.326	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	406718	55.591	ug/l	95
55) 1,1,2-Trichloroethane	11.024	97	250221	56.421	ug/l	96
56) Ethyl methacrylate	10.882	69	376703	56.178	ug/l	92
57) 1,3-Dichloropropane	11.171	76	428612	56.375	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	680485	206.278	ug/l	92
59) 2-Hexanone	11.206	43	1027713	264.085	ug/l	92
60) Dibromochloromethane	11.365	129	271021	59.196	ug/l	98
61) 1,2-Dibromoethane	11.476	107	256251	57.918	ug/l	99
64) Tetrachloroethene	11.112	164	241302	60.306	ug/l	95
65) Chlorobenzene	11.900	112	684748	55.205	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.971	131	258854	60.313	ug/l	98
67) Ethyl Benzene	11.971	91	1254853	56.453	ug/l	97
68) m/p-Xylenes	12.076	106	956662	113.584	ug/l	98
69) o-Xylene	12.406	106	475317	57.384	ug/l	99
70) Styrene	12.418	104	752574	57.194	ug/l	97
71) Bromoform	12.588	173	174583	61.148	ug/l #	99
73) Isopropylbenzene	12.706	105	1207491	56.546	ug/l	99
74) N-amyl acetate	12.500	43	386883	49.015	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.947	83	356211	54.223	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	316367m	50.994	ug/l	
77) Bromobenzene	12.988	156	265894	54.562	ug/l	99
78) n-propylbenzene	13.041	91	1396976	55.490	ug/l	99
79) 2-Chlorotoluene	13.135	91	832637	55.426	ug/l	97
80) 1,3,5-Trimethylbenzene	13.182	105	1018823	56.767	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.747	75	96941	49.947	ug/l #	86
82) 4-Chlorotoluene	13.229	91	795420	53.216	ug/l	99
83) tert-Butylbenzene	13.447	119	866948	55.332	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	1001532	56.741	ug/l	100
85) sec-Butylbenzene	13.623	105	1183767	53.162	ug/l	98
86) p-Isopropyltoluene	13.735	119	992673	55.919	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	480442	53.310	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	456814	51.080	ug/l	99
89) n-Butylbenzene	14.065	91	792040	48.508	ug/l	98
90) Hexachloroethane	14.341	117	173880	59.624	ug/l	94
91) 1,2-Dichlorobenzene	14.117	146	467618	55.541	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.729	75	59857	47.063	ug/l	96
93) 1,2,4-Trichlorobenzene	15.400	180	190951	38.811	ug/l	97
94) Hexachlorobutadiene	15.512	225	90198	44.155	ug/l	98
95) Naphthalene	15.647	128	584830	34.534	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	200751	41.674	ug/l	98

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

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