

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093023\
 Data File : VN079380.D
 Acq On : 30 Sep 2023 12:34
 Operator : JC\MD
 Sample : VN0930WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0930WBSD01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/02/2023
 Supervised By :Mahesh Dadoda 10/02/2023

Quant Time: Oct 02 01:52:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	159808	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	277625	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	252002	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	101861	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	117419	54.430	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.860%			
35) Dibromofluoromethane	8.171	113	91970	49.802	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.600%			
50) Toluene-d8	10.571	98	329496	48.592	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.180%			
62) 4-Bromofluorobenzene	12.853	95	103067	47.651	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.300%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	27457	17.364	ug/l	92
3) Chloromethane	2.365	50	39116	18.845	ug/l	99
4) Vinyl Chloride	2.518	62	43326	19.156	ug/l	98
5) Bromomethane	2.953	94	26429	20.329	ug/l	99
6) Chloroethane	3.118	64	30930	20.812	ug/l	96
7) Trichlorofluoromethane	3.501	101	56276	16.992	ug/l	92
8) Diethyl Ether	3.965	74	21347	18.570	ug/l	62
9) 1,1,2-Trichlorotrifluo...	4.371	101	32076	18.211	ug/l	97
10) Methyl Iodide	4.589	142	34085	23.658	ug/l	93
11) Tert butyl alcohol	5.530	59	32819	82.403	ug/l	98
12) 1,1-Dichloroethene	4.342	96	29213	17.139	ug/l	81
13) Acrolein	4.183	56	40005	105.301	ug/l	100
14) Allyl chloride	5.030	41	47018	17.293	ug/l #	90
15) Acrylonitrile	5.724	53	107176	103.781	ug/l	98
16) Acetone	4.436	43	96832	105.689	ug/l	96
17) Carbon Disulfide	4.712	76	68821	12.919	ug/l #	95
18) Methyl Acetate	5.036	43	85561	22.722	ug/l #	85
19) Methyl tert-butyl Ether	5.800	73	115445	19.749	ug/l	92
20) Methylene Chloride	5.283	84	39307	17.630	ug/l #	79
21) trans-1,2-Dichloroethene	5.794	96	33546	16.966	ug/l	86
22) Diisopropyl ether	6.677	45	129413	21.693	ug/l #	89
23) Vinyl Acetate	6.612	43	360835	98.336	ug/l #	86
24) 1,1-Dichloroethane	6.571	63	74269	20.195	ug/l	96
25) 2-Butanone	7.488	43	143025	107.591	ug/l #	80
26) 2,2-Dichloropropane	7.494	77	56555	18.740	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	41932	18.547	ug/l	85
28) Bromochloromethane	7.818	49	31040	18.668	ug/l #	70
29) Tetrahydrofuran	7.847	42	90842	107.383	ug/l #	76
30) Chloroform	7.971	83	77089	20.133	ug/l	96
31) Cyclohexane	8.259	56	55374	17.580	ug/l #	78
32) 1,1,1-Trichloroethane	8.171	97	63129	19.341	ug/l	94
36) 1,1-Dichloropropene	8.377	75	50052	17.584	ug/l	95
37) Ethyl Acetate	7.571	43	58068	20.453	ug/l #	91
38) Carbon Tetrachloride	8.365	117	53959	18.318	ug/l	97
39) Methylcyclohexane	9.606	83	46071	16.408	ug/l #	88
40) Benzene	8.612	78	159338	18.286	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	33175	23.175	ug/l #	81
42) 1,2-Dichloroethane	8.677	62	61526	20.510	ug/l	97
43) Isopropyl Acetate	8.694	43	94780	20.459	ug/l #	88
44) Trichloroethene	9.359	130	36924	17.201	ug/l	99
45) 1,2-Dichloropropane	9.624	63	44792	20.713	ug/l	97
46) Dibromomethane	9.712	93	29573	20.144	ug/l	98
47) Bromodichloromethane	9.888	83	61016	20.292	ug/l	98
48) Methyl methacrylate	9.682	41	42072	20.275	ug/l #	82
49) 1,4-Dioxane	9.700	88	15188	355.861	ug/l #	80
51) 4-Methyl-2-Pentanone	10.453	43	298293	110.923	ug/l	89
52) Toluene	10.635	92	98299	18.356	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	61076	19.263	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	65727	19.382	ug/l #	90
55) 1,1,2-Trichloroethane	11.024	97	43777	20.834	ug/l	94
56) Ethyl methacrylate	10.882	69	56590	19.078	ug/l #	78
57) 1,3-Dichloropropane	11.165	76	73604	20.263	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	119865	102.827	ug/l	89
59) 2-Hexanone	11.200	43	212235	108.964	ug/l	86
60) Dibromochloromethane	11.365	129	42580	19.040	ug/l	96
61) 1,2-Dibromoethane	11.476	107	40428	19.279	ug/l	98
64) Tetrachloroethene	11.106	164	31331	17.051	ug/l	95
65) Chlorobenzene	11.894	112	102795	18.006	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	39941	18.658	ug/l	98
67) Ethyl Benzene	11.971	91	173866	17.805	ug/l	99
68) m/p-Xylenes	12.076	106	130316	35.804	ug/l	95
69) o-Xylene	12.406	106	63189	18.102	ug/l	95
70) Styrene	12.418	104	102505	18.258	ug/l	96
71) Bromoform	12.582	173	28324	17.922	ug/l #	100
73) Isopropylbenzene	12.700	105	166716	17.989	ug/l	98
74) N-amyl acetate	12.500	43	66266	18.847	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	64530	18.699	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	50105m	18.251	ug/l	
77) Bromobenzene	12.988	156	38927	16.588	ug/l	91
78) n-propylbenzene	13.041	91	193355	18.573	ug/l	96
79) 2-Chlorotoluene	13.129	91	119333	17.526	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	132429	17.149	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	16551	16.575	ug/l #	81
82) 4-Chlorotoluene	13.223	91	111092	17.363	ug/l	99
83) tert-Butylbenzene	13.441	119	113956	17.838	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	134167	18.244	ug/l	99
85) sec-Butylbenzene	13.623	105	157048	17.857	ug/l	100
86) p-Isopropyltoluene	13.735	119	121156	17.243	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	67275	17.479	ug/l	95
88) 1,4-Dichlorobenzene	13.817	146	64202	16.507	ug/l	98
89) n-Butylbenzene	14.059	91	92419	16.727	ug/l	98
90) Hexachloroethane	14.341	117	27036	18.948	ug/l	93
91) 1,2-Dichlorobenzene	14.112	146	65555	17.253	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	9715	18.519	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	18350	13.439	ug/l	97
94) Hexachlorobutadiene	15.506	225	14712	13.697	ug/l	93
95) Naphthalene	15.647	128	47238	11.648	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	21846	13.564	ug/l	97

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

