

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093023\
 Data File : VN079379.D
 Acq On : 30 Sep 2023 12:10
 Operator : JC\MD
 Sample : VN0930WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0930WBS01

Quant Time: Oct 02 01:51:49 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	158475	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	283479	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	255104	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	103627	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	117231	54.800	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.600%			
35) Dibromofluoromethane	8.171	113	95289	50.534	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.060%			
50) Toluene-d8	10.571	98	334349	48.290	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.580%			
62) 4-Bromofluorobenzene	12.853	95	105016	47.550	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.100%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	29121	18.572	ug/l	98
3) Chloromethane	2.365	50	39325	19.105	ug/l	98
4) Vinyl Chloride	2.512	62	43900	19.573	ug/l	94
5) Bromomethane	2.954	94	26600	20.633	ug/l	92
6) Chloroethane	3.118	64	32152	21.864	ug/l	99
7) Trichlorofluoromethane	3.501	101	57801	17.599	ug/l	99
8) Diethyl Ether	3.965	74	21812	19.134	ug/l	63
9) 1,1,2-Trichlorotrifluo...	4.365	101	34104	19.526	ug/l	99
10) Methyl Iodide	4.595	142	32667	22.864	ug/l	96
11) Tert butyl alcohol	5.530	59	32654	82.678	ug/l	100
12) 1,1-Dichloroethene	4.342	96	29654	17.545	ug/l	86
13) Acrolein	4.183	56	38265	101.568	ug/l	96
14) Allyl chloride	5.030	41	46493	17.244	ug/l	88
15) Acrylonitrile	5.724	53	104178	101.726	ug/l	97
16) Acetone	4.436	43	99542	109.561	ug/l	94
17) Carbon Disulfide	4.718	76	70615	13.367	ug/l	99
18) Methyl Acetate	5.030	43	84985	22.759	ug/l #	83
19) Methyl tert-butyl Ether	5.800	73	112345	19.381	ug/l	93
20) Methylene Chloride	5.277	84	40652	18.386	ug/l #	80
21) trans-1,2-Dichloroethene	5.789	96	33815	17.246	ug/l #	80
22) Diisopropyl ether	6.677	45	132467	22.392	ug/l #	90
23) Vinyl Acetate	6.612	43	355618	97.730	ug/l #	86
24) 1,1-Dichloroethane	6.577	63	75536	20.712	ug/l	97
25) 2-Butanone	7.489	43	141711	107.500	ug/l #	81
26) 2,2-Dichloropropane	7.494	77	59193	19.779	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	43171	19.256	ug/l	89
28) Bromochloromethane	7.818	49	30887	18.732	ug/l #	73
29) Tetrahydrofuran	7.847	42	84516	100.746	ug/l #	78
30) Chloroform	7.971	83	80784	21.276	ug/l	97
31) Cyclohexane	8.259	56	56864	18.205	ug/l	88
32) 1,1,1-Trichloroethane	8.171	97	65788	20.326	ug/l #	90
36) 1,1-Dichloropropene	8.371	75	51117	17.587	ug/l	94
37) Ethyl Acetate	7.571	43	55890	19.279	ug/l #	91
38) Carbon Tetrachloride	8.365	117	54406	18.089	ug/l	95
39) Methylcyclohexane	9.606	83	46181	16.108	ug/l #	84
40) Benzene	8.612	78	166870	18.755	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	30737	21.028	ug/l #	83
42) 1,2-Dichloroethane	8.677	62	62169	20.296	ug/l	97
43) Isopropyl Acetate	8.694	43	95275	20.142	ug/l #	89
44) Trichloroethene	9.353	130	38055	17.362	ug/l	96
45) 1,2-Dichloropropane	9.624	63	46053	20.856	ug/l	98
46) Dibromomethane	9.712	93	30105	20.083	ug/l	97
47) Bromodichloromethane	9.894	83	61817	20.134	ug/l	96
48) Methyl methacrylate	9.688	41	40442	19.087	ug/l #	82
49) 1,4-Dioxane	9.694	88	14724	337.865	ug/l #	81
51) 4-Methyl-2-Pentanone	10.447	43	294902	107.398	ug/l	88
52) Toluene	10.635	92	101456	18.555	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	59045	18.238	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	66891	19.318	ug/l #	89
55) 1,1,2-Trichloroethane	11.018	97	41689	19.430	ug/l	94
56) Ethyl methacrylate	10.882	69	56481	18.648	ug/l #	78
57) 1,3-Dichloropropane	11.165	76	73297	19.762	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	121094	101.782	ug/l	90
59) 2-Hexanone	11.200	43	204907	103.030	ug/l	86
60) Dibromochloromethane	11.365	129	43908	19.229	ug/l	99
61) 1,2-Dibromoethane	11.477	107	40275	18.810	ug/l	97
64) Tetrachloroethene	11.106	164	32123	17.269	ug/l	96
65) Chlorobenzene	11.894	112	103566	17.921	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	41086	18.959	ug/l	98
67) Ethyl Benzene	11.971	91	181422	18.353	ug/l	97
68) m/p-Xylenes	12.076	106	132082	35.848	ug/l	90
69) o-Xylene	12.406	106	64577	18.275	ug/l	93
70) Styrene	12.418	104	105769	18.611	ug/l	98
71) Bromoform	12.582	173	28062	17.541	ug/l #	99
73) Isopropylbenzene	12.700	105	166208	17.629	ug/l	99
74) N-amyl acetate	12.500	43	66854	18.690	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	64201	18.286	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	54823m	19.630	ug/l	
77) Bromobenzene	12.982	156	39173	16.409	ug/l	93
78) n-propylbenzene	13.041	91	193977	18.315	ug/l	97
79) 2-Chlorotoluene	13.129	91	120887	17.451	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	139582	17.767	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	16902	16.638	ug/l #	76
82) 4-Chlorotoluene	13.223	91	112808	17.331	ug/l	99
83) tert-Butylbenzene	13.441	119	119062	18.320	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	136645	18.264	ug/l	97
85) sec-Butylbenzene	13.618	105	159096	17.782	ug/l	99
86) p-Isopropyltoluene	13.735	119	123897	17.333	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	65734	16.787	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	64301	16.251	ug/l	98
89) n-Butylbenzene	14.059	91	92850	16.518	ug/l	97
90) Hexachloroethane	14.341	117	27301	18.808	ug/l	93
91) 1,2-Dichlorobenzene	14.112	146	67167	17.376	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	9323	17.468	ug/l	98
93) 1,2,4-Trichlorobenzene	15.400	180	17791	12.808	ug/l	95
94) Hexachlorobutadiene	15.506	225	15591	14.268	ug/l	96
95) Naphthalene	15.647	128	45330	10.987	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	20948	12.784	ug/l	97

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

