

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090223\
 Data File : VN079136.D
 Acq On : 02 Sep 2023 12:10
 Operator : JC\MD
 Sample : VN0902WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0902WBS01

Quant Time: Sep 04 01:00:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/05/2023
 Supervised By :Semsettin Yesilyurt 09/05/2023

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	250630	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	420839	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	377955	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	158320	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	167295	42.896	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.800%		
35) Dibromofluoromethane	8.171	113	145370	51.315	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.640%		
50) Toluene-d8	10.571	98	500880	47.618	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.240%		
62) 4-Bromofluorobenzene	12.853	95	173582	50.487	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.980%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	57480	16.529	ug/l	97
3) Chloromethane	2.365	50	36433	7.504	ug/l	98
4) Vinyl Chloride	2.518	62	56272	13.215	ug/l	95
5) Bromomethane	2.959	94	26941	11.020	ug/l	92
6) Chloroethane	3.124	64	26477	8.895	ug/l	97
7) Trichlorofluoromethane	3.500	101	54598	10.527	ug/l	95
8) Diethyl Ether	3.965	74	35620	18.116	ug/l	71
9) 1,1,2-Trichlorotrifluo...	4.377	101	54150	19.604	ug/l	97
10) Methyl Iodide	4.594	142	62830	20.330	ug/l	95
11) Tert butyl alcohol	5.530	59	43777	66.893	ug/l	98
12) 1,1-Dichloroethene	4.342	96	49698	18.470	ug/l	84
13) Acrolein	4.183	56	25679	65.624	ug/l	100
14) Allyl chloride	5.024	41	86039	16.066	ug/l #	84
15) Acrylonitrile	5.730	53	142171	80.192	ug/l	100
16) Acetone	4.430	43	137913	85.702	ug/l	96
17) Carbon Disulfide	4.718	76	132796	17.631	ug/l	98
18) Methyl Acetate	5.030	43	99162	14.587	ug/l #	85
19) Methyl tert-butyl Ether	5.800	73	175128	18.068	ug/l	98
20) Methylene Chloride	5.283	84	65359	19.059	ug/l #	83
21) trans-1,2-Dichloroethene	5.794	96	56732	18.802	ug/l	84
22) Diisopropyl ether	6.677	45	195165	17.227	ug/l #	91
23) Vinyl Acetate	6.606	43	564932	75.732	ug/l #	88
24) 1,1-Dichloroethane	6.577	63	112819	18.229	ug/l	98
25) 2-Butanone	7.488	43	189044	73.273	ug/l #	79
26) 2,2-Dichloropropane	7.494	77	95154	19.020	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	67343	18.363	ug/l	88
28) Bromochloromethane	7.818	49	60254	18.353	ug/l #	79
29) Tetrahydrofuran	7.841	42	117121	68.585	ug/l #	76
30) Chloroform	7.971	83	116692	18.872	ug/l	95
31) Cyclohexane	8.265	56	89295	16.594	ug/l	88
32) 1,1,1-Trichloroethane	8.171	97	97918	18.572	ug/l	99
36) 1,1-Dichloropropene	8.371	75	82172	19.283	ug/l	96
37) Ethyl Acetate	7.565	43	74170	15.556	ug/l #	94
38) Carbon Tetrachloride	8.365	117	85365	19.993	ug/l	96
39) Methylcyclohexane	9.606	83	79779	20.356	ug/l #	83
40) Benzene	8.606	78	253198	20.102	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	42061	16.198	ug/l #	87
42) 1,2-Dichloroethane	8.677	62	86967	18.481	ug/l	100
43) Isopropyl Acetate	8.694	43	131635	15.620	ug/l #	91
44) Trichloroethene	9.353	130	60037	20.060	ug/l	99
45) 1,2-Dichloropropane	9.624	63	67798	20.217	ug/l	99
46) Dibromomethane	9.712	93	44231	19.230	ug/l	94
47) Bromodichloromethane	9.894	83	90572	19.941	ug/l	98
48) Methyl methacrylate	9.682	41	57388	15.028	ug/l #	81
49) 1,4-Dioxane	9.700	88	19831	304.882	ug/l #	86
51) 4-Methyl-2-Pentanone	10.447	43	378421	75.712	ug/l	92
52) Toluene	10.635	92	156253	20.205	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	91550	18.796	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	101521	19.137	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	62941	20.299	ug/l	96
56) Ethyl methacrylate	10.876	69	89449	18.610	ug/l #	82
57) 1,3-Dichloropropane	11.165	76	108640	19.589	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.165	63	178258	77.259	ug/l	89
59) 2-Hexanone	11.200	43	257790	71.209	ug/l	92
60) Dibromochloromethane	11.365	129	52628	16.129	ug/l	99
61) 1,2-Dibromoethane	11.476	107	47879	15.195	ug/l	96
64) Tetrachloroethene	11.106	164	50812	21.438	ug/l	93
65) Chlorobenzene	11.894	112	158184	19.662	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	60966	20.052	ug/l	96
67) Ethyl Benzene	11.965	91	281180	19.219	ug/l	96
68) m/p-Xylenes	12.076	106	209216	38.247	ug/l	95
69) o-Xylene	12.400	106	100563	18.899	ug/l	94
70) Styrene	12.417	104	164639	18.556	ug/l	96
71) Bromoform	12.582	173	43525	19.691	ug/l #	99
73) Isopropylbenzene	12.700	105	256582	19.437	ug/l	100
74) N-amyl acetate	12.500	43	93165	13.982	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	86846	18.220	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	67973m	17.818	ug/l	
77) Bromobenzene	12.982	156	61972	19.530	ug/l	97
78) n-propylbenzene	13.041	91	296655	19.379	ug/l	98
79) 2-Chlorotoluene	13.129	91	186660	19.657	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	213891	20.446	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	23782	15.926	ug/l #	78
82) 4-Chlorotoluene	13.229	91	179162	19.283	ug/l	98
83) tert-Butylbenzene	13.441	119	183686	20.898	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	209294	20.205	ug/l	98
85) sec-Butylbenzene	13.623	105	246620	20.388	ug/l	99
86) p-Isopropyltoluene	13.735	119	196496	20.332	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	104288	19.100	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	100090	18.314	ug/l	98
89) n-Butylbenzene	14.059	91	153712	19.327	ug/l	100
90) Hexachloroethane	14.341	117	38178	19.707	ug/l	76
91) 1,2-Dichlorobenzene	14.111	146	101726	18.734	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	13450	13.935	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	34316	17.827	ug/l	98
94) Hexachlorobutadiene	15.500	225	26207	24.028	ug/l	97
95) Naphthalene	15.647	128	82940	13.357	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	29305	13.900	ug/l	94

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

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