

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082223\
 Data File : VN078984.D
 Acq On : 22 Aug 2023 11:10
 Operator : JC\MD
 Sample : VN0822WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0822WBSD01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/23/2023
 Supervised By :Mahesh Dadoda 08/23/2023

Quant Time: Aug 23 02:58:30 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

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	164871	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	286428	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	263700	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	106109	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	129688	50.550	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.100%			
35) Dibromofluoromethane	8.171	113	100325	52.034	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.060%			
50) Toluene-d8	10.571	98	366571	51.203	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.400%			
62) 4-Bromofluorobenzene	12.853	95	114764	49.044	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.080%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	48131	21.039	ug/l	99
3) Chloromethane	2.365	50	53969	16.897	ug/l	95
4) Vinyl Chloride	2.512	62	59338	21.184	ug/l #	88
5) Bromomethane	2.954	94	35419	22.023	ug/l	98
6) Chloroethane	3.118	64	38622	19.723	ug/l	99
7) Trichlorofluoromethane	3.495	101	71347	20.912	ug/l	98
8) Diethyl Ether	3.959	74	26857	20.765	ug/l	64
9) 1,1,2-Trichlorotrifluo...	4.371	101	37778	20.791	ug/l	98
10) Methyl Iodide	4.589	142	42887	21.095	ug/l	91
11) Tert butyl alcohol	5.524	59	41541	96.495	ug/l #	88
12) 1,1-Dichloroethene	4.348	96	36430	20.582	ug/l	87
13) Acrolein	4.189	56	23281	89.691	ug/l	100
14) Allyl chloride	5.030	41	71184	20.206	ug/l #	88
15) Acrylonitrile	5.730	53	121326	104.031	ug/l	99
16) Acetone	4.436	43	106646	100.745	ug/l #	86
17) Carbon Disulfide	4.718	76	99962	20.175	ug/l	95
18) Methyl Acetate	5.030	43	89650	20.047	ug/l #	79
19) Methyl tert-butyl Ether	5.806	73	132376	20.762	ug/l	98
20) Methylene Chloride	5.283	84	47324	20.978	ug/l #	83
21) trans-1,2-Dichloroethene	5.800	96	40801	20.556	ug/l	87
22) Diisopropyl ether	6.677	45	157433	21.124	ug/l #	91
23) Vinyl Acetate	6.606	43	487426	99.330	ug/l #	83
24) 1,1-Dichloroethane	6.577	63	82614	20.291	ug/l	96
25) 2-Butanone	7.494	43	168794	99.455	ug/l #	77
26) 2,2-Dichloropropane	7.494	77	64610	19.633	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	46247	19.170	ug/l	80
28) Bromochloromethane	7.818	49	42946	19.885	ug/l #	74
29) Tetrahydrofuran	7.841	42	111284	99.063	ug/l #	72
30) Chloroform	7.971	83	84421	20.755	ug/l	93
31) Cyclohexane	8.259	56	67166	19.375	ug/l	88
32) 1,1,1-Trichloroethane	8.171	97	71761	20.691	ug/l	95
36) 1,1-Dichloropropene	8.377	75	59548	20.531	ug/l	95
37) Ethyl Acetate	7.571	43	71494	22.032	ug/l #	89
38) Carbon Tetrachloride	8.371	117	62286	21.433	ug/l	98
39) Methylcyclohexane	9.606	83	51347	19.250	ug/l #	89
40) Benzene	8.612	78	182369	21.273	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	37612	21.281	ug/l #	82
42) 1,2-Dichloroethane	8.677	62	71364	22.282	ug/l	95
43) Isopropyl Acetate	8.694	43	120429	20.997	ug/l #	84
44) Trichloroethene	9.353	130	42425	20.828	ug/l	93
45) 1,2-Dichloropropane	9.624	63	50046	21.927	ug/l	92
46) Dibromomethane	9.712	93	33492	21.394	ug/l	94
47) Bromodichloromethane	9.894	83	66996	21.672	ug/l #	95
48) Methyl methacrylate	9.688	41	52096	20.044	ug/l #	78
49) 1,4-Dioxane	9.706	88	18581	419.718	ug/l #	83
51) 4-Methyl-2-Pentanone	10.453	43	350347	102.988	ug/l	86
52) Toluene	10.635	92	113506	21.565	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	67683	20.416	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	75653	20.953	ug/l #	89
55) 1,1,2-Trichloroethane	11.018	97	46966	22.255	ug/l	99
56) Ethyl methacrylate	10.877	69	69595	21.274	ug/l #	81
57) 1,3-Dichloropropane	11.165	76	80280	21.268	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.165	63	137892	87.809	ug/l	90
59) 2-Hexanone	11.200	43	250885	101.823	ug/l	83
60) Dibromochloromethane	11.365	129	47803	21.525	ug/l	100
61) 1,2-Dibromoethane	11.471	107	45575	21.251	ug/l	98
64) Tetrachloroethene	11.112	164	33290	20.130	ug/l	88
65) Chlorobenzene	11.894	112	114569	20.410	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	45084	21.253	ug/l	97
67) Ethyl Benzene	11.971	91	197458	19.344	ug/l	99
68) m/p-Xylenes	12.076	106	148854	39.003	ug/l	95
69) o-Xylene	12.400	106	71583	19.281	ug/l	95
70) Styrene	12.412	104	120602	19.482	ug/l	99
71) Bromoform	12.582	173	31395	20.357	ug/l #	98
73) Isopropylbenzene	12.700	105	173124	19.567	ug/l	100
74) N-amyl acetate	12.494	43	83197	18.629	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.941	83	68389	21.408	ug/l	97
76) 1,2,3-Trichloropropane	13.000	75	54974m	21.502	ug/l	
77) Bromobenzene	12.982	156	45773	21.523	ug/l	96
78) n-propylbenzene	13.041	91	198709	19.368	ug/l	98
79) 2-Chlorotoluene	13.129	91	126388	19.859	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	143985	20.536	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	19723	19.706	ug/l #	84
82) 4-Chlorotoluene	13.223	91	122770	19.715	ug/l	100
83) tert-Butylbenzene	13.441	119	120439	20.445	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	142035	20.459	ug/l	100
85) sec-Butylbenzene	13.618	105	159310	19.650	ug/l	99
86) p-Isopropyltoluene	13.735	119	125808	19.423	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	74178	20.270	ug/l	96
88) 1,4-Dichlorobenzene	13.818	146	71390	19.491	ug/l	98
89) n-Butylbenzene	14.065	91	98059	18.396	ug/l	97
90) Hexachloroethane	14.335	117	26801	20.641	ug/l	91
91) 1,2-Dichlorobenzene	14.112	146	72981	20.054	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.717	75	11424	18.930	ug/l	98
93) 1,2,4-Trichlorobenzene	15.400	180	21909	16.982	ug/l	93
94) Hexachlorobutadiene	15.500	225	13324	17.847	ug/l	96
95) Naphthalene	15.647	128	64822	15.149	ug/l	96
96) 1,2,3-Trichlorobenzene	15.847	180	25038	17.720	ug/l	99

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

