

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081823\
 Data File : VN078941.D
 Acq On : 18 Aug 2023 14:36
 Operator : JC\MD
 Sample : VN0818WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0818WBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/21/2023
 Supervised By :Mahesh Dadoda 08/21/2023

Quant Time: Aug 18 23:41:15 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	8.229	168	196038	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	335214	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	298574	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	122231	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	147888	48.480	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.960%		
35) Dibromofluoromethane	8.177	113	116455	51.609	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.220%		
50) Toluene-d8	10.570	98	420200	50.152	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.300%		
62) 4-Bromofluorobenzene	12.853	95	133195	48.636	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.280%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	43706	16.068	ug/l	97
3) Chloromethane	2.365	50	50824	13.382	ug/l	100
4) Vinyl Chloride	2.512	62	51690	15.519	ug/l	99
5) Bromomethane	2.953	94	30332	15.862	ug/l	95
6) Chloroethane	3.118	64	34741	14.921	ug/l	99
7) Trichlorofluoromethane	3.494	101	69407	17.109	ug/l	98
8) Diethyl Ether	3.965	74	23229	15.104	ug/l	61
9) 1,1,2-Trichlorotrifluo...	4.377	101	37269	17.250	ug/l	99
10) Methyl Iodide	4.594	142	40098	16.588	ug/l	94
11) Tert butyl alcohol	5.535	59	37505	73.269	ug/l	99
12) 1,1-Dichloroethene	4.341	96	34229	16.264	ug/l #	69
13) Acrolein	4.189	56	31150	101.083	ug/l	97
14) Allyl chloride	5.030	41	56120	13.398	ug/l #	83
15) Acrylonitrile	5.730	53	108269	78.076	ug/l	96
16) Acetone	4.436	43	102154	81.159	ug/l	95
17) Carbon Disulfide	4.718	76	97943	16.625	ug/l	98
18) Methyl Acetate	5.036	43	82079	15.436	ug/l #	80
19) Methyl tert-butyl Ether	5.812	73	118716	15.659	ug/l	100
20) Methylene Chloride	5.277	84	42854	15.976	ug/l #	71
21) trans-1,2-Dichloroethene	5.788	96	37257	15.787	ug/l	93
22) Diisopropyl ether	6.677	45	141486	15.966	ug/l #	87
23) Vinyl Acetate	6.606	43	441541	75.674	ug/l #	84
24) 1,1-Dichloroethane	6.577	63	77843	16.080	ug/l #	92
25) 2-Butanone	7.488	43	155780	77.194	ug/l #	72
26) 2,2-Dichloropropane	7.494	77	62454	15.960	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	45243	15.772	ug/l	85
28) Bromochloromethane	7.818	49	49240	19.174	ug/l #	78
29) Tetrahydrofuran	7.847	42	102194	76.509	ug/l #	71
30) Chloroform	7.971	83	79037	16.342	ug/l	95
31) Cyclohexane	8.259	56	61086	14.164	ug/l	85
32) 1,1,1-Trichloroethane	8.171	97	68133	16.522	ug/l	93
36) 1,1-Dichloropropene	8.377	75	59080	17.405	ug/l	95
37) Ethyl Acetate	7.565	43	66173	17.424	ug/l #	90
38) Carbon Tetrachloride	8.371	117	58694	17.258	ug/l	98
39) Methylcyclohexane	9.606	83	49609	15.891	ug/l #	80
40) Benzene	8.612	78	169148	16.859	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	33883	16.381	ug/l #	81
42) 1,2-Dichloroethane	8.671	62	66065	17.625	ug/l	97
43) Isopropyl Acetate	8.694	43	102367	15.250	ug/l #	86
44) Trichloroethene	9.353	130	41601	17.451	ug/l	91
45) 1,2-Dichloropropane	9.623	63	45080	16.876	ug/l	100
46) Dibromomethane	9.712	93	30743	16.780	ug/l	91
47) Bromodichloromethane	9.894	83	63086	17.437	ug/l	95
48) Methyl methacrylate	9.688	41	47191	15.514	ug/l #	77
49) 1,4-Dioxane	9.694	88	16634	321.054	ug/l #	79
51) 4-Methyl-2-Pentanone	10.453	43	315220	79.177	ug/l #	85
52) Toluene	10.635	92	105092	17.061	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	63735	16.427	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	68938	16.315	ug/l #	86
55) 1,1,2-Trichloroethane	11.023	97	42716	17.295	ug/l	95
56) Ethyl methacrylate	10.882	69	59673	15.586	ug/l #	73
57) 1,3-Dichloropropane	11.170	76	73009	16.527	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	127915	69.601	ug/l	92
59) 2-Hexanone	11.200	43	229720	79.664	ug/l	83
60) Dibromochloromethane	11.365	129	44470	17.110	ug/l	98
61) 1,2-Dibromoethane	11.476	107	40846	16.274	ug/l	98
64) Tetrachloroethene	11.106	164	32813	17.524	ug/l	94
65) Chlorobenzene	11.894	112	110512	17.388	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.964	131	42165	17.555	ug/l	96
67) Ethyl Benzene	11.970	91	184595	15.972	ug/l	99
68) m/p-Xylenes	12.076	106	139769	32.345	ug/l	98
69) o-Xylene	12.406	106	67898	16.152	ug/l	96
70) Styrene	12.417	104	109866	15.675	ug/l	98
71) Bromoform	12.582	173	29507	16.898	ug/l #	98
73) Isopropylbenzene	12.700	105	161374	15.834	ug/l	99
74) N-amyl acetate	12.500	43	75628	14.701	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.941	83	62335	16.939	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	58319m	19.802	ug/l	
77) Bromobenzene	12.982	156	42583	17.382	ug/l	97
78) n-propylbenzene	13.041	91	186420	15.774	ug/l	97
79) 2-Chlorotoluene	13.135	91	121780	16.611	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	130930	16.211	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	17985	15.600	ug/l #	67
82) 4-Chlorotoluene	13.229	91	115366	16.083	ug/l	100
83) tert-Butylbenzene	13.441	119	101418	14.945	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	128186	16.029	ug/l	95
85) sec-Butylbenzene	13.623	105	145470	15.577	ug/l	100
86) p-Isopropyltoluene	13.735	119	115787	15.518	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	67513	16.015	ug/l	96
88) 1,4-Dichlorobenzene	13.817	146	66604	15.785	ug/l	96
89) n-Butylbenzene	14.058	91	86017	14.008	ug/l	100
90) Hexachloroethane	14.335	117	24305	16.250	ug/l	94
91) 1,2-Dichlorobenzene	14.111	146	69163	16.498	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.729	75	11070	15.170	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	20948	14.095	ug/l	96
94) Hexachlorobutadiene	15.511	225	12421	14.254	ug/l	92
95) Naphthalene	15.641	128	56378	12.068	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.847	180	23412	14.383	ug/l	97

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

