

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081823\
 Data File : VN078942.D
 Acq On : 18 Aug 2023 15:10
 Operator : JC\MD
 Sample : VN0818WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0818WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Aug 18 23:42:06 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	183237	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	318151	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	288001	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	112208	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	141658	49.681	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.360%		
35) Dibromofluoromethane	8.171	113	109724	51.234	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.460%		
50) Toluene-d8	10.570	98	396921	49.914	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.820%		
62) 4-Bromofluorobenzene	12.853	95	126517	48.675	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.360%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	41897	16.479	ug/l	96
3) Chloromethane	2.365	50	47213	13.300	ug/l	97
4) Vinyl Chloride	2.512	62	48978	15.733	ug/l	97
5) Bromomethane	2.947	94	29071	16.264	ug/l	97
6) Chloroethane	3.118	64	32175	14.784	ug/l	97
7) Trichlorofluoromethane	3.494	101	64100	16.905	ug/l	91
8) Diethyl Ether	3.965	74	22851	15.897	ug/l #	49
9) 1,1,2-Trichlorotrifluo...	4.371	101	32980	16.331	ug/l	95
10) Methyl Iodide	4.589	142	37584	16.634	ug/l	93
11) Tert butyl alcohol	5.530	59	39247	82.028	ug/l	100
12) 1,1-Dichloroethene	4.341	96	32432	16.486	ug/l	80
13) Acrolein	4.183	56	30923	107.553	ug/l	96
14) Allyl chloride	5.018	41	54011	13.795	ug/l #	86
15) Acrylonitrile	5.724	53	108378	83.614	ug/l	98
16) Acetone	4.441	43	97468	82.846	ug/l #	85
17) Carbon Disulfide	4.712	76	92694	16.833	ug/l	97
18) Methyl Acetate	5.030	43	78262	15.747	ug/l #	80
19) Methyl tert-butyl Ether	5.800	73	116518	16.443	ug/l	96
20) Methylene Chloride	5.277	84	42260	16.855	ug/l #	75
21) trans-1,2-Dichloroethene	5.794	96	36687	16.631	ug/l	86
22) Diisopropyl ether	6.683	45	129741	15.664	ug/l #	93
23) Vinyl Acetate	6.612	43	429819	78.811	ug/l #	84
24) 1,1-Dichloroethane	6.577	63	71472	15.795	ug/l	97
25) 2-Butanone	7.488	43	150313	79.689	ug/l #	78
26) 2,2-Dichloropropane	7.494	77	56351	15.407	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	42687	15.921	ug/l	87
28) Bromochloromethane	7.818	49	50856	21.187	ug/l #	72
29) Tetrahydrofuran	7.847	42	100572	80.554	ug/l #	71
30) Chloroform	7.971	83	73405	16.238	ug/l	96
31) Cyclohexane	8.259	56	56946	14.119	ug/l #	88
32) 1,1,1-Trichloroethane	8.165	97	62404	16.190	ug/l	93
36) 1,1-Dichloropropene	8.377	75	53262	16.533	ug/l	96
37) Ethyl Acetate	7.565	43	60818	16.873	ug/l #	91
38) Carbon Tetrachloride	8.365	117	53858	16.685	ug/l	93
39) Methylcyclohexane	9.606	83	43871	14.807	ug/l #	76
40) Benzene	8.606	78	162456	17.061	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	33002	16.811	ug/l #	80
42) 1,2-Dichloroethane	8.677	62	61726	17.351	ug/l	96
43) Isopropyl Acetate	8.694	43	103376	16.226	ug/l #	88
44) Trichloroethene	9.359	130	39901	17.635	ug/l	99
45) 1,2-Dichloropropane	9.629	63	42998	16.960	ug/l	97
46) Dibromomethane	9.712	93	29401	16.908	ug/l	92
47) Bromodichloromethane	9.894	83	61032	17.774	ug/l	98
48) Methyl methacrylate	9.688	41	47985	16.621	ug/l #	71
49) 1,4-Dioxane	9.700	88	16535	336.260	ug/l #	74
51) 4-Methyl-2-Pentanone	10.453	43	315523	83.503	ug/l #	85
52) Toluene	10.635	92	98738	16.889	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	61116	16.597	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	64008	15.960	ug/l #	78
55) 1,1,2-Trichloroethane	11.023	97	40793	17.402	ug/l	93
56) Ethyl methacrylate	10.876	69	57490	15.821	ug/l #	78
57) 1,3-Dichloropropane	11.165	76	69881	16.667	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	131419	75.343	ug/l #	88
59) 2-Hexanone	11.200	43	221173	80.814	ug/l	85
60) Dibromochloromethane	11.365	129	42406	17.191	ug/l	98
61) 1,2-Dibromoethane	11.476	107	40592	17.040	ug/l	99
64) Tetrachloroethene	11.112	164	30956	17.140	ug/l	91
65) Chlorobenzene	11.894	112	102441	16.710	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	40217	17.359	ug/l	97
67) Ethyl Benzene	11.970	91	172374	15.462	ug/l	99
68) m/p-Xylenes	12.076	106	132673	31.830	ug/l	98
69) o-Xylene	12.400	106	64205	15.835	ug/l	97
70) Styrene	12.417	104	105174	15.556	ug/l	98
71) Bromoform	12.588	173	28976	17.203	ug/l #	100
73) Isopropylbenzene	12.700	105	152662	16.317	ug/l	99
74) N-amyl acetate	12.500	43	75502	15.987	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.947	83	62012	18.356	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	56314m	20.829	ug/l	
77) Bromobenzene	12.982	156	41610	18.502	ug/l	97
78) n-propylbenzene	13.041	91	176790	16.295	ug/l	99
79) 2-Chlorotoluene	13.129	91	113678	16.891	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	121934	16.446	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	17473	16.509	ug/l #	70
82) 4-Chlorotoluene	13.223	91	108399	16.461	ug/l	98
83) tert-Butylbenzene	13.447	119	96325	15.462	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	121982	16.615	ug/l	96
85) sec-Butylbenzene	13.623	105	133629	15.587	ug/l	99
86) p-Isopropyltoluene	13.735	119	103309	15.083	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	64256	16.604	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	62494	16.134	ug/l	97
89) n-Butylbenzene	14.059	91	81526	14.463	ug/l	99
90) Hexachloroethane	14.335	117	22884	16.667	ug/l	89
91) 1,2-Dichlorobenzene	14.111	146	65391	16.992	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	10388	15.612	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	19609	14.373	ug/l	97
94) Hexachlorobutadiene	15.505	225	12713	15.996	ug/l	98
95) Naphthalene	15.647	128	55092	12.680	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	21920	14.670	ug/l	97

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

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