

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090123\
 Data File : VN079120.D
 Acq On : 01 Sep 2023 14:10
 Operator : JC\MD
 Sample : VN0901WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0901WBSD01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Sep 01 23:11:41 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

09/02/2023
 Supervised By :Semsettin
 Yesilyurt

09/04/2023

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	235726	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	390733	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	354489	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	141193	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.582	65	168254	45.870	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.740%
35) Dibromofluoromethane	8.171	113	141839	53.927	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.860%
50) Toluene-d8	10.570	98	489531	50.125	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.260%
62) 4-Bromofluorobenzene	12.853	95	169754	53.178	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.360%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.130	85	57708	17.643	ug/l	98
3) Chloromethane	2.365	50	69291	15.173	ug/l	95
4) Vinyl Chloride	2.512	62	54238	13.543	ug/l	93
5) Bromomethane	2.959	94	31074	13.514	ug/l	96
6) Chloroethane	3.124	64	29588	10.568	ug/l	93
7) Trichlorofluoromethane	3.500	101	94562	19.386	ug/l	98
8) Diethyl Ether	3.965	74	36069	19.505	ug/l	66
9) 1,1,2-Trichlorotrifluo...	4.383	101	52264	20.117	ug/l	98
10) Methyl Iodide	4.594	142	63895	21.982	ug/l #	96
11) Tert butyl alcohol	5.524	59	50491	82.031	ug/l	97
12) 1,1-Dichloroethene	4.341	96	50322	19.885	ug/l #	82
13) Acrolein	4.183	56	25444	68.959	ug/l	99
14) Allyl chloride	5.024	41	80279	15.938	ug/l	93
15) Acrylonitrile	5.730	53	154703	92.778	ug/l	99
16) Acetone	4.436	43	129732	85.716	ug/l	99
17) Carbon Disulfide	4.712	76	130838	18.470	ug/l	98
18) Methyl Acetate	5.036	43	106727	16.692	ug/l #	86
19) Methyl tert-butyl Ether	5.794	73	183723	20.154	ug/l	98
20) Methylene Chloride	5.277	84	66914	20.746	ug/l #	88
21) trans-1,2-Dichloroethene	5.794	96	57377	20.219	ug/l	90
22) Diisopropyl ether	6.671	45	201766	18.935	ug/l #	87
23) Vinyl Acetate	6.612	43	600680m	85.616	ug/l	
24) 1,1-Dichloroethane	6.571	63	115172	19.785	ug/l	97
25) 2-Butanone	7.488	43	197322	81.317	ug/l #	83
26) 2,2-Dichloropropane	7.494	77	90890	19.317	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	69496	20.148	ug/l	91
28) Bromochloromethane	7.818	49	54143	17.534	ug/l #	79
29) Tetrahydrofuran	7.841	42	128312	79.889	ug/l #	77
30) Chloroform	7.971	83	116692	20.066	ug/l	93
31) Cyclohexane	8.259	56	88810	17.708	ug/l #	84
32) 1,1,1-Trichloroethane	8.171	97	99315	20.028	ug/l	97
36) 1,1-Dichloropropene	8.371	75	84711	21.411	ug/l	94
37) Ethyl Acetate	7.571	43	82099	18.546	ug/l #	94
38) Carbon Tetrachloride	8.365	117	84590	21.338	ug/l	97
39) Methylcyclohexane	9.606	83	78483	21.568	ug/l	89
40) Benzene	8.612	78	258748	22.126	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	43290	17.955	ug/l	89
42) 1,2-Dichloroethane	8.677	62	92196	21.102	ug/l	97
43) Isopropyl Acetate	8.688	43	134322	17.167	ug/l #	92
44) Trichloroethene	9.353	130	61682	22.198	ug/l	98
45) 1,2-Dichloropropane	9.623	63	67556	21.697	ug/l	92
46) Dibromomethane	9.712	93	43933	20.572	ug/l	91
47) Bromodichloromethane	9.894	83	93074	22.071	ug/l	97
48) Methyl methacrylate	9.688	41	62721	17.690	ug/l #	81
49) 1,4-Dioxane	9.700	88	22677	375.499	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	406884	87.679	ug/l	92
52) Toluene	10.635	92	156056	21.735	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	93071	20.580	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	103749	21.064	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	64552	22.422	ug/l	92
56) Ethyl methacrylate	10.876	69	95104	21.311	ug/l #	84
57) 1,3-Dichloropropane	11.170	76	110725	21.503	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	162035	75.639	ug/l	91
59) 2-Hexanone	11.200	43	280143	83.347	ug/l	91
60) Dibromochloromethane	11.365	129	66368	21.907	ug/l	98
61) 1,2-Dibromoethane	11.476	107	62974	21.525	ug/l	99
64) Tetrachloroethene	11.112	164	51786	23.295	ug/l	96
65) Chlorobenzene	11.894	112	161306	21.377	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	59909	21.008	ug/l	97
67) Ethyl Benzene	11.970	91	278313	20.282	ug/l	98
68) m/p-Xylenes	12.076	106	207800	40.503	ug/l	93
69) o-Xylene	12.400	106	102506	20.539	ug/l	95
70) Styrene	12.417	104	166673	20.028	ug/l	98
71) Bromoform	12.582	173	45126	21.767	ug/l #	100
73) Isopropylbenzene	12.700	105	251374	21.352	ug/l	99
74) N-amyl acetate	12.500	43	100063	16.838	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	91596	21.547	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	72742m	21.382	ug/l	
77) Bromobenzene	12.982	156	61238	21.640	ug/l	95
78) n-propylbenzene	13.041	91	288410	21.126	ug/l	98
79) 2-Chlorotoluene	13.129	91	184853	21.828	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	210657	22.579	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	25843	19.405	ug/l	90
82) 4-Chlorotoluene	13.229	91	175897	21.228	ug/l	98
83) tert-Butylbenzene	13.441	119	165177	21.072	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	205675	22.264	ug/l	99
85) sec-Butylbenzene	13.617	105	233776	21.670	ug/l	99
86) p-Isopropyltoluene	13.735	119	191813	22.255	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	100821	20.705	ug/l	96
88) 1,4-Dichlorobenzene	13.817	146	100349	20.589	ug/l	99
89) n-Butylbenzene	14.059	91	149159	21.029	ug/l	99
90) Hexachloroethane	14.335	117	37202	21.532	ug/l	86
91) 1,2-Dichlorobenzene	14.111	146	103713	21.417	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	14879	18.428	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	33020	19.235	ug/l	98
94) Hexachlorobutadiene	15.511	225	24056	24.795	ug/l	99
95) Naphthalene	15.647	128	89559	15.630	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	37261	19.817	ug/l	97

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

