

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091823\
 Data File : VN079288.D
 Acq On : 18 Sep 2023 15:52
 Operator : JC\MD
 Sample : VN0918WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0918WBS01

Quant Time: Sep 19 01:23:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 09/19/2023
 Supervised By :Semsettin Yesilyurt 09/19/2023

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 Yesilyurt

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	168521	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	317353	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	263966	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	113433	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.582	65	124839	54.877	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.760%	
35) Dibromofluoromethane	8.171	113	95813	45.388	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 90.780%	
50) Toluene-d8	10.571	98	358782	46.287	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 92.580%	
62) 4-Bromofluorobenzene	12.853	95	108942	44.062	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 88.120%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.130	85	32581	19.540	ug/l	97
3) Chloromethane	2.365	50	43768	19.995	ug/l	98
4) Vinyl Chloride	2.512	62	46848	19.643	ug/l	100
5) Bromomethane	2.953	94	27712	20.214	ug/l	97
6) Chloroethane	3.124	64	34914	22.348	ug/l	99
7) Trichlorofluoromethane	3.495	101	60224	17.244	ug/l	97
8) Diethyl Ether	3.965	74	21034	17.352	ug/l	64
9) 1,1,2-Trichlorotrifluo...	4.377	101	33283	17.920	ug/l	96
10) Methyl Iodide	4.589	142	30545	20.104	ug/l	93
11) Tert butyl alcohol	5.524	59	32248	76.783	ug/l	98
12) 1,1-Dichloroethene	4.347	96	29736	16.544	ug/l	93
13) Acrolein	4.189	56	33489	83.592	ug/l	98
14) Allyl chloride	5.024	41	54312	18.943	ug/l #	90
15) Acrylonitrile	5.730	53	95716	87.892	ug/l	97
16) Acetone	4.436	43	94713	98.031	ug/l	90
17) Carbon Disulfide	4.712	76	81916	14.582	ug/l	99
18) Methyl Acetate	5.036	43	73005	18.386	ug/l #	84
19) Methyl tert-butyl Ether	5.806	73	108187	17.551	ug/l #	91
20) Methylene Chloride	5.283	84	41811	17.783	ug/l #	84
21) trans-1,2-Dichloroethene	5.783	96	34625	16.607	ug/l #	84
22) Diisopropyl ether	6.671	45	126101	20.045	ug/l #	90
23) Vinyl Acetate	6.612	43	345293	89.236	ug/l #	89
24) 1,1-Dichloroethane	6.577	63	72806	18.774	ug/l	95
25) 2-Butanone	7.488	43	128771	91.860	ug/l #	81
26) 2,2-Dichloropropane	7.494	77	59667	18.749	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	41811	17.538	ug/l	86
28) Bromochloromethane	7.818	49	29197	16.652	ug/l #	71
29) Tetrahydrofuran	7.841	42	82062	91.989	ug/l #	75
30) Chloroform	7.971	83	76027	18.829	ug/l	98
31) Cyclohexane	8.259	56	57494	17.309	ug/l	92
32) 1,1,1-Trichloroethane	8.177	97	65580	19.054	ug/l	93
36) 1,1-Dichloropropene	8.377	75	52782	16.222	ug/l	95
37) Ethyl Acetate	7.571	43	53530	16.494	ug/l #	91
38) Carbon Tetrachloride	8.365	117	53695	15.947	ug/l	97
39) Methylcyclohexane	9.606	83	50493	15.732	ug/l #	80
40) Benzene	8.612	78	161797	16.244	ug/l	99

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41) Methacrylonitrile	7.783	41	28196	17.231	ug/l	#	84
42) 1,2-Dichloroethane	8.677	62	60240	17.567	ug/l		98
43) Isopropyl Acetate	8.694	43	89124	16.830	ug/l	#	89
44) Trichloroethene	9.359	130	37104	15.121	ug/l		99
45) 1,2-Dichloropropane	9.624	63	43624	17.647	ug/l		91
46) Dibromomethane	9.712	93	29150	17.370	ug/l		96
47) Bromodichloromethane	9.888	83	61339	17.846	ug/l	#	98
48) Methyl methacrylate	9.682	41	38819	16.366	ug/l	#	84
49) 1,4-Dioxane	9.694	88	14849	304.364	ug/l	#	78
51) 4-Methyl-2-Pentanone	10.447	43	263025	85.564	ug/l		89
52) Toluene	10.635	92	98075	16.022	ug/l		94
53) t-1,3-Dichloropropene	10.841	75	58910	16.254	ug/l		99
54) cis-1,3-Dichloropropene	10.318	75	64272	16.580	ug/l	#	89
55) 1,1,2-Trichloroethane	11.018	97	39931	16.624	ug/l		97
56) Ethyl methacrylate	10.876	69	53494	15.777	ug/l	#	80
57) 1,3-Dichloropropane	11.171	76	69821	16.815	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.165	63	112842	85.317	ug/l		90
59) 2-Hexanone	11.200	43	188687	84.747	ug/l		85
60) Dibromochloromethane	11.359	129	41521	16.243	ug/l		100
61) 1,2-Dibromoethane	11.471	107	38407	16.023	ug/l		96
64) Tetrachloroethene	11.106	164	32048	16.650	ug/l		95
65) Chlorobenzene	11.894	112	100959	16.883	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.965	131	39436	17.587	ug/l		99
67) Ethyl Benzene	11.965	91	181210	17.716	ug/l		93
68) m/p-Xylenes	12.076	106	135674	35.587	ug/l		96
69) o-Xylene	12.406	106	64907	17.751	ug/l		95
70) Styrene	12.418	104	106018	18.028	ug/l		99
71) Bromoform	12.582	173	26108	15.771	ug/l	#	97
73) Isopropylbenzene	12.700	105	165327	16.019	ug/l		99
74) N-amyl acetate	12.500	43	59574	15.215	ug/l	#	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	59268	15.422	ug/l		99
76) 1,2,3-Trichloropropane	13.000	75	51600m	16.878	ug/l		
77) Bromobenzene	12.982	156	38635	14.784	ug/l		97
78) n-propylbenzene	13.041	91	195018	16.821	ug/l		97
79) 2-Chlorotoluene	13.129	91	118716	15.656	ug/l		99
80) 1,3,5-Trimethylbenzene	13.176	105	138826	16.144	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.741	75	15337	13.792	ug/l	#	84
82) 4-Chlorotoluene	13.229	91	113136	15.879	ug/l		99
83) tert-Butylbenzene	13.441	119	112324	15.789	ug/l		98
84) 1,2,4-Trimethylbenzene	13.488	105	142632	17.416	ug/l		96
85) sec-Butylbenzene	13.623	105	172975	17.662	ug/l		100
86) p-Isopropyltoluene	13.735	119	135931	17.372	ug/l		99
87) 1,3-Dichlorobenzene	13.741	146	72308	16.870	ug/l		98
88) 1,4-Dichlorobenzene	13.817	146	69724	16.098	ug/l		98
89) n-Butylbenzene	14.059	91	103761	16.864	ug/l		97
90) Hexachloroethane	14.335	117	25736	16.197	ug/l		93
91) 1,2-Dichlorobenzene	14.112	146	70377	16.633	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	8242	14.108	ug/l		98
93) 1,2,4-Trichlorobenzene	15.394	180	17312	11.385	ug/l		93
94) Hexachlorobutadiene	15.506	225	14074	11.766	ug/l		94
95) Naphthalene	15.647	128	42482	9.407	ug/l		99
96) 1,2,3-Trichlorobenzene	15.847	180	20733	11.559	ug/l		99

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

