

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092823\
 Data File : VN079365.D
 Acq On : 28 Sep 2023 11:30
 Operator : JC\MD
 Sample : VN0928WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0928WBS01

Quant Time: Sep 29 04:32:24 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 09/29/2023
 Supervised By : Semsettin Yesilyurt 09/29/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	161482	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	280529	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	255457	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	103057	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	119766	54.942	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.880%			
35) Dibromofluoromethane	8.171	113	94510	50.648	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.300%			
50) Toluene-d8	10.571	98	339968	49.618	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.240%			
62) 4-Bromofluorobenzene	12.853	95	107623	49.242	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.480%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.130	85	29550	18.494	ug/l	94
3) Chloromethane	2.365	50	40064	19.101	ug/l	100
4) Vinyl Chloride	2.518	62	43824	19.176	ug/l	99
5) Bromomethane	2.954	94	27435	20.884	ug/l	99
6) Chloroethane	3.118	64	32489	21.674	ug/l	97
7) Trichlorofluoromethane	3.501	101	58400	17.451	ug/l	99
8) Diethyl Ether	3.971	74	20821	17.925	ug/l #	58
9) 1,1,2-Trichlorotrifluo...	4.377	101	34697	19.495	ug/l	99
10) Methyl Iodide	4.595	142	32990	22.660	ug/l	96
11) Tert butyl alcohol	5.530	59	29986	74.509	ug/l	99
12) 1,1-Dichloroethene	4.342	96	29894	17.357	ug/l	81
13) Acrolein	4.183	56	45145	117.598	ug/l	98
14) Allyl chloride	5.036	41	53091	19.324	ug/l #	91
15) Acrylonitrile	5.730	53	96523	92.496	ug/l	98
16) Acetone	4.430	43	101175	109.284	ug/l	95
17) Carbon Disulfide	4.712	76	74592	13.857	ug/l	96
18) Methyl Acetate	5.030	43	75967	19.965	ug/l #	83
19) Methyl tert-butyl Ether	5.795	73	111081	18.806	ug/l	97
20) Methylene Chloride	5.283	84	40962	18.182	ug/l #	83
21) trans-1,2-Dichloroethene	5.783	96	34740	17.388	ug/l	92
22) Diisopropyl ether	6.677	45	125788	20.867	ug/l #	89
23) Vinyl Acetate	6.606	43	345314m	93.131	ug/l	
24) 1,1-Dichloroethane	6.577	63	74387	20.017	ug/l	95
25) 2-Butanone	7.489	43	133219	99.176	ug/l #	81
26) 2,2-Dichloropropane	7.494	77	59891	19.640	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	41374	18.111	ug/l	83
28) Bromochloromethane	7.824	49	27883	16.595	ug/l #	74
29) Tetrahydrofuran	7.847	42	81590	95.447	ug/l #	76
30) Chloroform	7.971	83	76820	19.855	ug/l	93
31) Cyclohexane	8.259	56	57639	18.109	ug/l	84
32) 1,1,1-Trichloroethane	8.171	97	63856	19.361	ug/l	96
36) 1,1-Dichloropropene	8.377	75	53659	18.656	ug/l	93
37) Ethyl Acetate	7.565	43	51127	17.821	ug/l #	92
38) Carbon Tetrachloride	8.365	117	53170	17.863	ug/l	98
39) Methylcyclohexane	9.606	83	46515	16.395	ug/l #	84
40) Benzene	8.606	78	163520	18.571	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	27892	19.283	ug/l #	88
42) 1,2-Dichloroethane	8.677	62	59130	19.507	ug/l	98
43) Isopropyl Acetate	8.694	43	87669	18.728	ug/l #	90
44) Trichloroethene	9.353	130	37392	17.239	ug/l	97
45) 1,2-Dichloropropane	9.630	63	42572	19.482	ug/l	94
46) Dibromomethane	9.712	93	28841	19.442	ug/l	97
47) Bromodichloromethane	9.894	83	60594	19.943	ug/l	99
48) Methyl methacrylate	9.688	41	37912	18.081	ug/l #	83
49) 1,4-Dioxane	9.700	88	14684	340.491	ug/l #	77
51) 4-Methyl-2-Pentanone	10.447	43	272595	100.318	ug/l	88
52) Toluene	10.635	92	100944	18.655	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	59586	18.599	ug/l	95
54) cis-1,3-Dichloropropene	10.318	75	63890	18.645	ug/l #	86
55) 1,1,2-Trichloroethane	11.018	97	41680	19.630	ug/l	98
56) Ethyl methacrylate	10.877	69	54902	18.318	ug/l #	78
57) 1,3-Dichloropropane	11.165	76	69916	19.049	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	128686	108.957	ug/l	89
59) 2-Hexanone	11.200	43	195552	99.360	ug/l	86
60) Dibromochloromethane	11.365	129	42008	18.590	ug/l	99
61) 1,2-Dibromoethane	11.471	107	39117	18.461	ug/l	96
64) Tetrachloroethene	11.106	164	33942	18.222	ug/l	93
65) Chlorobenzene	11.894	112	103637	17.908	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	39506	18.205	ug/l	97
67) Ethyl Benzene	11.965	91	180524	18.237	ug/l	93
68) m/p-Xylenes	12.076	106	132664	35.956	ug/l	94
69) o-Xylene	12.400	106	64092	18.112	ug/l	91
70) Styrene	12.418	104	104897	18.432	ug/l	98
71) Bromoform	12.582	173	26714	16.675	ug/l #	98
73) Isopropylbenzene	12.700	105	164509	17.545	ug/l	99
74) N-amyl acetate	12.500	43	61800	17.373	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	60485	17.323	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	54372m	19.576	ug/l	
77) Bromobenzene	12.982	156	38809	16.346	ug/l	94
78) n-propylbenzene	13.041	91	192420	18.268	ug/l	98
79) 2-Chlorotoluene	13.129	91	120364	17.472	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	139464	17.851	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	18381	18.194	ug/l #	88
82) 4-Chlorotoluene	13.223	91	115208	17.798	ug/l	99
83) tert-Butylbenzene	13.441	119	111515	17.254	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	135438	18.203	ug/l	99
85) sec-Butylbenzene	13.618	105	158667	17.832	ug/l	100
86) p-Isopropyltoluene	13.735	119	125254	17.620	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	66148	16.987	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	64475	16.385	ug/l	99
89) n-Butylbenzene	14.059	91	95527	17.089	ug/l	98
90) Hexachloroethane	14.335	117	26343	18.248	ug/l	90
91) 1,2-Dichlorobenzene	14.106	146	65616	17.069	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	8617	16.235	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	18135	13.127	ug/l	99
94) Hexachlorobutadiene	15.500	225	16114	14.828	ug/l	99
95) Naphthalene	15.647	128	42013	10.240	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	22275	13.669	ug/l	95

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

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