

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092623\
 Data File : VN079347.D
 Acq On : 26 Sep 2023 11:31
 Operator : JC\MD
 Sample : VN0926WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBS01

Quant Time: Sep 27 06:23:37 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 09/27/2023
 Supervised By :Mahesh Dadoda 09/27/2023

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

Internal Standards						09/27/2023
1) Pentafluorobenzene	8.229	168	169828	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	295803	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	270591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	108194	50.000	ug/l	0.00
System Monitoring Compounds						09/27/2023
33) 1,2-Dichloroethane-d4	8.582	65	122677	53.512	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	107.020%
35) Dibromofluoromethane	8.171	113	97762	49.685	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.380%
50) Toluene-d8	10.571	98	350468	48.509	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.020%
62) 4-Bromofluorobenzene	12.853	95	109916	47.695	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.380%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.130	85	32860	19.555	ug/l	98
3) Chloromethane	2.365	50	41416	18.775	ug/l	98
4) Vinyl Chloride	2.518	62	48075	20.002	ug/l	95
5) Bromomethane	2.953	94	28884	20.907	ug/l	87
6) Chloroethane	3.118	64	35048	22.258	ug/l	100
7) Trichlorofluoromethane	3.494	101	62304	17.702	ug/l	95
8) Diethyl Ether	3.965	74	22531	18.444	ug/l	61
9) 1,1,2-Trichlorotrifluo...	4.377	101	36261	19.373	ug/l	97
10) Methyl Iodide	4.594	142	33498	21.878	ug/l	97
11) Tert butyl alcohol	5.530	59	30449	71.941	ug/l	95
12) 1,1-Dichloroethene	4.342	96	31832	17.574	ug/l #	74
13) Acrolein	4.183	56	34824	86.255	ug/l	95
14) Allyl chloride	5.030	41	51387	17.785	ug/l #	90
15) Acrylonitrile	5.724	53	103492	94.301	ug/l	98
16) Acetone	4.430	43	105309	108.160	ug/l	93
17) Carbon Disulfide	4.718	76	81779	14.446	ug/l	99
18) Methyl Acetate	5.036	43	80056	20.006	ug/l #	84
19) Methyl tert-butyl Ether	5.800	73	116190	18.704	ug/l	98
20) Methylene Chloride	5.277	84	41985	17.720	ug/l #	76
21) trans-1,2-Dichloroethene	5.788	96	37086	17.650	ug/l #	78
22) Diisopropyl ether	6.677	45	135030	21.299	ug/l #	87
23) Vinyl Acetate	6.612	43	365691	93.780	ug/l #	86
24) 1,1-Dichloroethane	6.577	63	78216	20.013	ug/l	97
25) 2-Butanone	7.488	43	137473	97.313	ug/l #	81
26) 2,2-Dichloropropane	7.494	77	63842	19.906	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	44120	18.364	ug/l	84
28) Bromochloromethane	7.818	49	35708	20.208	ug/l #	69
29) Tetrahydrofuran	7.847	42	88107	98.005	ug/l #	73
30) Chloroform	7.971	83	82602	20.300	ug/l	93
31) Cyclohexane	8.265	56	61493	18.370	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	67388	19.428	ug/l	95
36) 1,1-Dichloropropene	8.377	75	54877	18.094	ug/l	95
37) Ethyl Acetate	7.565	43	54092	17.881	ug/l #	87
38) Carbon Tetrachloride	8.365	117	56503	18.003	ug/l	92
39) Methylcyclohexane	9.606	83	51631	17.259	ug/l #	85
40) Benzene	8.606	78	170545	18.369	ug/l	99

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41) Methacrylonitrile	7.788	41	29044	19.042	ug/l	#	87
42) 1,2-Dichloroethane	8.671	62	63019	19.717	ug/l		99
43) Isopropyl Acetate	8.694	43	91818	18.602	ug/l	#	89
44) Trichloroethene	9.353	130	40844	17.858	ug/l		96
45) 1,2-Dichloropropane	9.624	63	45797	19.876	ug/l		99
46) Dibromomethane	9.712	93	30816	19.701	ug/l		97
47) Bromodichloromethane	9.894	83	65108	20.322	ug/l		95
48) Methyl methacrylate	9.688	41	40779	18.445	ug/l	#	83
49) 1,4-Dioxane	9.694	88	15399	338.632	ug/l	#	79
51) 4-Methyl-2-Pentanone	10.447	43	284745	99.378	ug/l		88
52) Toluene	10.635	92	103385	18.120	ug/l		96
53) t-1,3-Dichloropropene	10.835	75	62470	18.492	ug/l		93
54) cis-1,3-Dichloropropene	10.318	75	69501	19.235	ug/l	#	88
55) 1,1,2-Trichloroethane	11.023	97	43088	19.246	ug/l		97
56) Ethyl methacrylate	10.876	69	57452	18.179	ug/l	#	87
57) 1,3-Dichloropropane	11.165	76	75443	19.493	ug/l		97
58) 2-Chloroethyl Vinyl ether	10.165	63	125511	101.128	ug/l	#	87
59) 2-Hexanone	11.200	43	205582	99.062	ug/l		84
60) Dibromochloromethane	11.365	129	43624	18.309	ug/l		98
61) 1,2-Dibromoethane	11.470	107	40023	17.913	ug/l		99
64) Tetrachloroethene	11.106	164	34287	17.378	ug/l		97
65) Chlorobenzene	11.894	112	107109	17.473	ug/l		92
66) 1,1,1,2-Tetrachloroethane	11.965	131	40306	17.535	ug/l		95
67) Ethyl Benzene	11.965	91	186481	17.785	ug/l		97
68) m/p-Xylenes	12.076	106	140688	35.999	ug/l		93
69) o-Xylene	12.400	106	68429	18.257	ug/l		95
70) Styrene	12.417	104	108534	18.004	ug/l		96
71) Bromoform	12.582	173	29102	17.150	ug/l	#	97
73) Isopropylbenzene	12.700	105	175171	17.795	ug/l		99
74) N-amyl acetate	12.500	43	65893	17.644	ug/l	#	86
75) 1,1,2,2-Tetrachloroethane	12.941	83	61068	16.660	ug/l		97
76) 1,2,3-Trichloropropane	12.994	75	54818m	18.799	ug/l		
77) Bromobenzene	12.982	156	42228	16.942	ug/l		96
78) n-propylbenzene	13.041	91	204792	18.520	ug/l		97
79) 2-Chlorotoluene	13.129	91	127568	17.638	ug/l		99
80) 1,3,5-Trimethylbenzene	13.176	105	146359	17.844	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.741	75	16539	15.593	ug/l	#	72
82) 4-Chlorotoluene	13.223	91	120615	17.748	ug/l		100
83) tert-Butylbenzene	13.441	119	116781	17.211	ug/l		98
84) 1,2,4-Trimethylbenzene	13.488	105	145287	18.599	ug/l		97
85) sec-Butylbenzene	13.617	105	169730	18.170	ug/l		98
86) p-Isopropyltoluene	13.735	119	131566	17.629	ug/l		99
87) 1,3-Dichlorobenzene	13.735	146	70183	17.167	ug/l		98
88) 1,4-Dichlorobenzene	13.817	146	68360	16.548	ug/l		98
89) n-Butylbenzene	14.059	91	103248	17.593	ug/l		97
90) Hexachloroethane	14.335	117	27989	18.468	ug/l		92
91) 1,2-Dichlorobenzene	14.111	146	68764	17.038	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	9576	17.185	ug/l		94
93) 1,2,4-Trichlorobenzene	15.400	180	19241	13.267	ug/l		96
94) Hexachlorobutadiene	15.505	225	17449	15.294	ug/l		95
95) Naphthalene	15.647	128	45675	10.604	ug/l		98
96) 1,2,3-Trichlorobenzene	15.847	180	21102	12.335	ug/l		97

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

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Supervised By :Mahesh
Dadoda

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