

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082823\
 Data File : VN079056.D
 Acq On : 28 Aug 2023 09:55
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 29 03:54:29 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

Manual Integrations APPROVED

Reviewed By : John Carlone 08/29/2023
 Supervised By : Semsettin Yesilyurt 08/29/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	213882	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	353547	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	317782	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	143527	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	150749	45.295	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.580%		
35) Dibromofluoromethane	8.171	113	125824	52.870	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.740%		
50) Toluene-d8	10.571	98	444069	50.253	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.500%		
62) 4-Bromofluorobenzene	12.853	95	154931	53.639	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.280%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	140099	47.208	ug/l	97
3) Chloromethane	2.365	50	143752	34.693	ug/l	99
4) Vinyl Chloride	2.512	62	150439	41.400	ug/l	96
5) Bromomethane	2.936	94	90907	43.573	ug/l	93
6) Chloroethane	3.112	64	103046	40.564	ug/l	95
7) Trichlorofluoromethane	3.495	101	223084	50.404	ug/l	99
8) Diethyl Ether	3.965	74	81558	48.607	ug/l #	57
9) 1,1,2-Trichlorotrifluo...	4.365	101	119917	50.872	ug/l	97
10) Methyl Iodide	4.589	142	150083	56.906	ug/l	98
11) Tert butyl alcohol	5.524	59	124797	223.460	ug/l	99
12) 1,1-Dichloroethene	4.342	96	114943	50.058	ug/l #	80
13) Acrolein	4.177	56	112113	569.708	ug/l	97
14) Allyl chloride	5.030	41	226829	49.633	ug/l #	89
15) Acrylonitrile	5.724	53	363379	240.180	ug/l	99
16) Acetone	4.430	43	410171	298.684	ug/l	89
17) Carbon Disulfide	4.712	76	273508	42.553	ug/l	98
18) Methyl Acetate	5.024	43	266591	45.954	ug/l #	82
19) Methyl tert-butyl Ether	5.800	73	432520	52.291	ug/l	96
20) Methylene Chloride	5.283	84	138206	47.226	ug/l #	86
21) trans-1,2-Dichloroethene	5.789	96	128444	49.884	ug/l #	80
22) Diisopropyl ether	6.677	45	495581	51.259	ug/l #	90
23) Vinyl Acetate	6.606	43	1546945	243.006	ug/l #	85
24) 1,1-Dichloroethane	6.571	63	262808	49.759	ug/l	97
25) 2-Butanone	7.489	43	539744	245.148	ug/l #	77
26) 2,2-Dichloropropane	7.494	77	226767	53.116	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	154616	49.404	ug/l	84
28) Bromochloromethane	7.818	49	129081	46.071	ug/l #	77
29) Tetrahydrofuran	7.841	42	337378	231.509	ug/l #	72
30) Chloroform	7.971	83	268874	50.956	ug/l	92
31) Cyclohexane	8.259	56	199707	48.010	ug/l #	83
32) 1,1,1-Trichloroethane	8.171	97	233143	51.818	ug/l	95
36) 1,1-Dichloropropene	8.371	75	193981	54.185	ug/l	96
37) Ethyl Acetate	7.565	43	209995	52.427	ug/l #	89
38) Carbon Tetrachloride	8.365	117	202577	56.474	ug/l	97
39) Methylcyclohexane	9.606	83	180097	54.699	ug/l #	86
40) Benzene	8.612	78	564644	53.361	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	121407	55.653	ug/l #	80
42) 1,2-Dichloroethane	8.677	62	206492	52.233	ug/l	98
43) Isopropyl Acetate	8.694	43	363711	51.374	ug/l #	86
44) Trichloroethene	9.359	130	144813	57.596	ug/l	97
45) 1,2-Dichloropropane	9.630	63	155190	55.085	ug/l	97
46) Dibromomethane	9.712	93	103848	53.742	ug/l	93
47) Bromodichloromethane	9.894	83	216052	56.621	ug/l	97
48) Methyl methacrylate	9.683	41	171324	53.403	ug/l #	76
49) 1,4-Dioxane	9.694	88	54348	994.581	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	1081121	257.474	ug/l	87
52) Toluene	10.635	92	359947	55.405	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	234430	57.290	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	249747	56.040	ug/l #	87
55) 1,1,2-Trichloroethane	11.018	97	146305	56.165	ug/l	98
56) Ethyl methacrylate	10.877	69	223939	55.458	ug/l #	73
57) 1,3-Dichloropropane	11.171	76	252989	54.298	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	421424	217.415	ug/l	92
59) 2-Hexanone	11.200	43	799973	263.036	ug/l	85
60) Dibromochloromethane	11.365	129	162008	59.101	ug/l	100
61) 1,2-Dibromoethane	11.477	107	145699	55.040	ug/l	97
64) Tetrachloroethene	11.106	164	120347	60.389	ug/l	92
65) Chlorobenzene	11.894	112	384733	56.876	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	149537	58.496	ug/l	97
67) Ethyl Benzene	11.971	91	688284	55.952	ug/l	99
68) m/p-Xylenes	12.077	106	523527	113.830	ug/l	99
69) o-Xylene	12.400	106	258801	57.846	ug/l	97
70) Styrene	12.418	104	426429	57.161	ug/l	98
71) Bromoform	12.582	173	110198	59.294	ug/l #	99
73) Isopropylbenzene	12.700	105	654969	54.729	ug/l	100
74) N-amyl acetate	12.500	43	298581	49.428	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.941	83	210798	48.783	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	165527m	47.864	ug/l	
77) Bromobenzene	12.982	156	158718	55.175	ug/l	98
78) n-propylbenzene	13.041	91	758443	54.653	ug/l	99
79) 2-Chlorotoluene	13.129	91	458712	53.286	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	528341	55.710	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	66807	49.349	ug/l #	74
82) 4-Chlorotoluene	13.224	91	445511	52.891	ug/l	98
83) tert-Butylbenzene	13.441	119	464920	58.346	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	528784	56.309	ug/l	98
85) sec-Butylbenzene	13.618	105	617386	56.300	ug/l	99
86) p-Isopropyltoluene	13.735	119	517910	59.113	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	273759	55.305	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	272401	54.981	ug/l	98
89) n-Butylbenzene	14.059	91	423284	58.706	ug/l	100
90) Hexachloroethane	14.341	117	96572	54.987	ug/l	84
91) 1,2-Dichlorobenzene	14.112	146	273956	55.653	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	37957	53.413	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	116130	66.547	ug/l	98
94) Hexachlorobutadiene	15.506	225	59232	69.893	ug/l	96
95) Naphthalene	15.641	128	332686	50.284	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	114534	59.925	ug/l	96

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

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