

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090223\
 Data File : VN079134.D
 Acq On : 02 Sep 2023 11:01
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 04 00:59:07 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 :Mahesh Dadoda 09/05/2023
 Supervised By :Semsettin Yesilyurt 09/05/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	248156	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	404750	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	257449	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	170670	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	178911	46.332	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.660%		
35) Dibromofluoromethane	8.171	113	154566	56.731	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	113.460%		
50) Toluene-d8	10.571	98	540105	53.388	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	106.780%		
62) 4-Bromofluorobenzene	12.853	95	201712	61.001	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	122.000%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	155699	45.218	ug/l	96
3) Chloromethane	2.365	50	123744	25.740	ug/l	98
4) Vinyl Chloride	2.518	62	176479	41.858	ug/l	98
5) Bromomethane	2.954	94	76735	31.700	ug/l	99
6) Chloroethane	3.124	64	74022	25.114	ug/l	99
7) Trichlorofluoromethane	3.501	101	225542	43.921	ug/l	99
8) Diethyl Ether	3.965	74	94024	48.297	ug/l	66
9) 1,1,2-Trichlorotrifluo...	4.371	101	148641	54.348	ug/l	96
10) Methyl Iodide	4.595	142	184387	60.257	ug/l	100
11) Tert butyl alcohol	5.518	59	109526	169.030	ug/l	98
12) 1,1-Dichloroethene	4.342	96	137910	51.765	ug/l	87
13) Acrolein	4.183	56	50606	131.391	ug/l	93
14) Allyl chloride	5.030	41	236257	44.556	ug/l #	85
15) Acrylonitrile	5.718	53	393141	223.962	ug/l	99
16) Acetone	4.430	43	399316	250.619	ug/l	95
17) Carbon Disulfide	4.712	76	367126	49.229	ug/l	99
18) Methyl Acetate	5.024	43	266894	39.652	ug/l #	86
19) Methyl tert-butyl Ether	5.801	73	481408	50.163	ug/l	93
20) Methylene Chloride	5.277	84	171637	50.549	ug/l	90
21) trans-1,2-Dichloroethene	5.789	96	156590	52.415	ug/l #	82
22) Diisopropyl ether	6.677	45	536103	47.792	ug/l #	88
23) Vinyl Acetate	6.606	43	1615731	218.757	ug/l #	88
24) 1,1-Dichloroethane	6.571	63	315172	51.431	ug/l	98
25) 2-Butanone	7.483	43	541489	211.973	ug/l #	80
26) 2,2-Dichloropropane	7.495	77	261085	52.708	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	187851	51.734	ug/l	88
28) Bromochloromethane	7.818	49	141723	43.597	ug/l #	80
29) Tetrahydrofuran	7.842	42	314561	186.039	ug/l #	78
30) Chloroform	7.965	83	321164	52.459	ug/l	94
31) Cyclohexane	8.259	56	243698	50.638	ug/l #	82
32) 1,1,1-Trichloroethane	8.171	97	270767	51.869	ug/l	96
36) 1,1-Dichloropropene	8.377	75	233750	57.034	ug/l	96
37) Ethyl Acetate	7.565	43	211694	46.165	ug/l #	92
38) Carbon Tetrachloride	8.365	117	236487	57.588	ug/l	99
39) Methylcyclohexane	9.606	83	228688	60.671	ug/l #	90
40) Benzene	8.612	78	699309	57.727	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	115014	46.053	ug/l #	87
42) 1,2-Dichloroethane	8.671	62	238048	52.598	ug/l	99
43) Isopropyl Acetate	8.689	43	347891	42.923	ug/l #	94
44) Trichloroethene	9.353	130	169088	58.744	ug/l	99
45) 1,2-Dichloropropane	9.624	63	188083	58.315	ug/l	97
46) Dibromomethane	9.712	93	119139	53.855	ug/l	92
47) Bromodichloromethane	9.888	83	245363	56.168	ug/l	99
48) Methyl methacrylate	9.683	41	167084	45.493	ug/l #	79
49) 1,4-Dioxane	9.694	88	52543	839.908	ug/l #	86
51) 4-Methyl-2-Pentanone	10.447	43	1055943	219.664	ug/l	93
52) Toluene	10.635	92	434039	58.358	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	264685	56.501	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	293816	57.588	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	168549	56.519	ug/l	95
56) Ethyl methacrylate	10.877	69	259344	56.101	ug/l #	86
57) 1,3-Dichloropropane	11.165	76	303409	56.882	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	474555	213.854	ug/l	90
59) 2-Hexanone	11.200	43	771629	221.620	ug/l	92
60) Dibromochloromethane	11.359	129	187011	59.592	ug/l	98
61) 1,2-Dibromoethane	11.471	107	167169	55.162	ug/l	99
64) Tetrachloroethene	11.106	164	138504	85.787	ug/l	98
65) Chlorobenzene	11.894	112	336374	61.380	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	174137	84.082	ug/l	98
67) Ethyl Benzene	11.965	91	817748	82.055	ug/l	97
68) m/p-Xylenes	12.077	106	613331	164.608	ug/l	94
69) o-Xylene	12.400	106	297775	82.155	ug/l	94
70) Styrene	12.412	104	505820	83.693	ug/l	99
71) Bromoform	12.582	173	127226	84.499	ug/l #	99
73) Isopropylbenzene	12.700	105	761300	53.497	ug/l	99
74) N-amyl acetate	12.500	43	286150	39.836	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	244622	47.607	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	186765m	45.416	ug/l	
77) Bromobenzene	12.982	156	178259	52.113	ug/l	96
78) n-propylbenzene	13.041	91	903733	54.765	ug/l	98
79) 2-Chlorotoluene	13.129	91	551616	53.887	ug/l	98
80) 1,3,5-Trimethylbenzene	13.177	105	509653	45.193	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	86270	53.591	ug/l	96
82) 4-Chlorotoluene	13.224	91	530372	52.952	ug/l	99
83) tert-Butylbenzene	13.441	119	510168	53.842	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	624296	55.907	ug/l	99
85) sec-Butylbenzene	13.618	105	731865	56.125	ug/l	99
86) p-Isopropyltoluene	13.735	119	601739	57.758	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	317275	53.902	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	309692	52.567	ug/l	99
89) n-Butylbenzene	14.059	91	502108	58.563	ug/l	99
90) Hexachloroethane	14.335	117	113647	54.418	ug/l	81
91) 1,2-Dichlorobenzene	14.106	146	308188	52.650	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	39250	45.830	ug/l	96
93) 1,2,4-Trichlorobenzene	15.400	180	88038	42.426	ug/l	97
94) Hexachlorobutadiene	15.506	225	53925	49.960	ug/l	97
95) Naphthalene	15.647	128	240234	31.547	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	76423	33.626	ug/l	97

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

