

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082423\
 Data File : VN079023.D
 Acq On : 24 Aug 2023 11:03
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 25 01:10:05 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 08/25/2023
 Supervised By :Semsettin Yesilyurt 08/25/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	177899	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	304470	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	285442	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	128055	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	136726	49.391	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.780%		
35) Dibromofluoromethane	8.171	113	109257	53.308	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	106.620%		
50) Toluene-d8	10.571	98	402181	52.848	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	105.700%		
62) 4-Bromofluorobenzene	12.853	95	136826	55.007	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	110.020%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.130	85	122670	49.696	ug/l	95
3) Chloromethane	2.365	50	140600	40.796	ug/l	97
4) Vinyl Chloride	2.512	62	145038	47.986	ug/l	97
5) Bromomethane	2.948	94	90406	52.097	ug/l	91
6) Chloroethane	3.118	64	99875	47.268	ug/l	99
7) Trichlorofluoromethane	3.495	101	198151	53.826	ug/l	96
8) Diethyl Ether	3.959	74	67102	48.081	ug/l #	53
9) 1,1,2-Trichlorotrifluo...	4.371	101	101600	51.819	ug/l	98
10) Methyl Iodide	4.589	142	118835	54.172	ug/l	99
11) Tert butyl alcohol	5.530	59	102092	219.780	ug/l	98
12) 1,1-Dichloroethene	4.342	96	94734	49.602	ug/l #	75
13) Acrolein	4.177	56	58071	226.863	ug/l	98
14) Allyl chloride	5.024	41	170246	44.787	ug/l #	88
15) Acrylonitrile	5.724	53	304317	241.827	ug/l	99
16) Acetone	4.430	43	278404	243.738	ug/l	95
17) Carbon Disulfide	4.712	76	256084	47.901	ug/l	100
18) Methyl Acetate	5.030	43	230500	47.769	ug/l #	80
19) Methyl tert-butyl Ether	5.800	73	343831	49.977	ug/l #	89
20) Methylene Chloride	5.283	84	115937	47.629	ug/l #	78
21) trans-1,2-Dichloroethene	5.789	96	109489	51.123	ug/l	88
22) Diisopropyl ether	6.677	45	413216	51.385	ug/l #	92
23) Vinyl Acetate	6.606	43	1290797	243.782	ug/l #	84
24) 1,1-Dichloroethane	6.577	63	224270	51.051	ug/l	98
25) 2-Butanone	7.488	43	433461	236.696	ug/l #	78
26) 2,2-Dichloropropane	7.494	77	176606	49.734	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	132820	51.024	ug/l	87
28) Bromochloromethane	7.818	49	116824	50.130	ug/l #	72
29) Tetrahydrofuran	7.841	42	294181	242.698	ug/l #	70
30) Chloroform	7.971	83	228899	52.154	ug/l	94
31) Cyclohexane	8.259	56	172058	49.829	ug/l	84
32) 1,1,1-Trichloroethane	8.171	97	192263	51.376	ug/l	94
36) 1,1-Dichloropropene	8.377	75	166467	53.995	ug/l	95
37) Ethyl Acetate	7.565	43	182789	52.991	ug/l #	87
38) Carbon Tetrachloride	8.371	117	168483	54.541	ug/l	98
39) Methylcyclohexane	9.606	83	147120	51.886	ug/l #	86
40) Benzene	8.612	78	489069	53.669	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	101644	54.104	ug/l #	80
42) 1,2-Dichloroethane	8.677	62	179470	52.715	ug/l	99
43) Isopropyl Acetate	8.694	43	299419	49.110	ug/l #	87
44) Trichloroethene	9.353	130	115444	53.317	ug/l	97
45) 1,2-Dichloropropane	9.624	63	130086	53.617	ug/l	95
46) Dibromomethane	9.712	93	86353	51.891	ug/l	93
47) Bromodichloromethane	9.888	83	181206	55.144	ug/l #	97
48) Methyl methacrylate	9.688	41	143708	52.015	ug/l #	76
49) 1,4-Dioxane	9.700	88	49841	1059.122	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	929145	256.948	ug/l #	86
52) Toluene	10.635	92	312607	55.874	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	193426	54.889	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	208651	54.365	ug/l #	88
55) 1,1,2-Trichloroethane	11.024	97	122896	54.783	ug/l	96
56) Ethyl methacrylate	10.876	69	189007	54.352	ug/l #	74
57) 1,3-Dichloropropane	11.165	76	215515	53.711	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	378294	226.622	ug/l	91
59) 2-Hexanone	11.200	43	665522	254.101	ug/l	84
60) Dibromochloromethane	11.365	129	134404	56.934	ug/l	99
61) 1,2-Dibromoethane	11.476	107	121411	53.258	ug/l	98
64) Tetrachloroethene	11.106	164	92676	51.772	ug/l	95
65) Chlorobenzene	11.894	112	322777	53.123	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	124418	54.184	ug/l	97
67) Ethyl Benzene	11.965	91	581171	52.598	ug/l	96
68) m/p-Xylenes	12.076	106	446101	107.985	ug/l	99
69) o-Xylene	12.400	106	214354	53.339	ug/l	97
70) Styrene	12.418	104	357265	53.316	ug/l	98
71) Bromoform	12.582	173	92223	55.245	ug/l #	99
73) Isopropylbenzene	12.700	105	524394	49.112	ug/l	98
74) N-amyl acetate	12.500	43	249782	46.345	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.941	83	186682	48.422	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	146596m	47.511	ug/l	
77) Bromobenzene	12.982	156	128840	50.200	ug/l	97
78) n-propylbenzene	13.041	91	618101	49.921	ug/l	99
79) 2-Chlorotoluene	13.129	91	379136	49.364	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	431577	51.005	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	59430	49.204	ug/l #	76
82) 4-Chlorotoluene	13.223	91	374735	49.864	ug/l	100
83) tert-Butylbenzene	13.441	119	346751	48.774	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	432114	51.575	ug/l	97
85) sec-Butylbenzene	13.623	105	486494	49.724	ug/l	99
86) p-Isopropyltoluene	13.735	119	398573	50.988	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	225937	51.159	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	224396	50.764	ug/l	98
89) n-Butylbenzene	14.059	91	325197	50.552	ug/l	99
90) Hexachloroethane	14.335	117	79470	50.716	ug/l	90
91) 1,2-Dichlorobenzene	14.112	146	226460	51.563	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	32978	51.890	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	81040	52.050	ug/l	99
94) Hexachlorobutadiene	15.506	225	41920	52.144	ug/l	98
95) Naphthalene	15.647	128	237792	40.796	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	85371	50.063	ug/l	99

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

