

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081823\
 Data File : VN078964.D
 Acq On : 19 Aug 2023 00:02
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Aug 19 06:09:41 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 :Semsettin
 Yesilyurt
 08/21/2023
 Supervised By :Mahesh
 Dadoda
 08/21/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	199106	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	351657	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	319862	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	139913	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	154527	49.875	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.760%		
35) Dibromofluoromethane	8.171	113	122367	51.693	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.380%		
50) Toluene-d8	10.571	98	455111	51.779	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.560%		
62) 4-Bromofluorobenzene	12.853	95	149156	51.918	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.840%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	136866	49.541	ug/l	100
3) Chloromethane	2.365	50	150236	38.949	ug/l	100
4) Vinyl Chloride	2.518	62	153041	45.241	ug/l	95
5) Bromomethane	2.936	94	83778	43.136	ug/l	100
6) Chloroethane	3.106	64	96755	40.914	ug/l	98
7) Trichlorofluoromethane	3.489	101	200161	48.581	ug/l	96
8) Diethyl Ether	3.965	74	72236	46.247	ug/l #	53
9) 1,1,2-Trichlorotrifluo...	4.365	101	106110	48.355	ug/l	97
10) Methyl Iodide	4.589	142	130466	53.139	ug/l	97
11) Tert butyl alcohol	5.536	59	113801	218.893	ug/l	99
12) 1,1-Dichloroethene	4.342	96	109075	51.028	ug/l	82
13) Acrolein	4.183	56	111058	Below Cal		95
14) Allyl chloride	5.024	41	176711	41.536	ug/l #	88
15) Acrylonitrile	5.724	53	324684	230.530	ug/l	98
16) Acetone	4.430	43	272894	213.467	ug/l	92
17) Carbon Disulfide	4.712	76	292588	48.900	ug/l	97
18) Methyl Acetate	5.024	43	245896	45.532	ug/l #	81
19) Methyl tert-butyl Ether	5.794	73	377615	49.041	ug/l	94
20) Methylene Chloride	5.283	84	129194	47.422	ug/l #	78
21) trans-1,2-Dichloroethene	5.789	96	118046	49.248	ug/l #	81
22) Diisopropyl ether	6.671	45	437052	48.560	ug/l #	88
23) Vinyl Acetate	6.606	43	1426920	240.786	ug/l #	84
24) 1,1-Dichloroethane	6.565	63	238457	48.499	ug/l	96
25) 2-Butanone	7.488	43	454330	221.667	ug/l #	76
26) 2,2-Dichloropropane	7.494	77	137282	34.542	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	137906	47.335	ug/l	90
28) Bromochloromethane	7.818	49	129107	49.500	ug/l #	75
29) Tetrahydrofuran	7.841	42	315047	232.229	ug/l #	71
30) Chloroform	7.971	83	237714	48.394	ug/l	95
31) Cyclohexane	8.259	56	194771	50.431	ug/l #	81
32) 1,1,1-Trichloroethane	8.171	97	205696	49.111	ug/l	94
36) 1,1-Dichloropropene	8.377	75	178508	50.131	ug/l	94
37) Ethyl Acetate	7.565	43	195835	49.155	ug/l #	90
38) Carbon Tetrachloride	8.365	117	180742	50.658	ug/l	97
39) Methylcyclohexane	9.600	83	163986	50.074	ug/l #	85
40) Benzene	8.612	78	525927	49.969	ug/l	99

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41) Methacrylonitrile	7.783	41	96180	44.326	ug/l #	82
42) 1,2-Dichloroethane	8.671	62	195551	49.732	ug/l	97
43) Isopropyl Acetate	8.688	43	394640	56.042	ug/l #	80
44) Trichloroethene	9.359	130	126423	50.552	ug/l	95
45) 1,2-Dichloropropane	9.624	63	138124	49.291	ug/l	95
46) Dibromomethane	9.712	93	93824	48.815	ug/l	93
47) Bromodichloromethane	9.888	83	190873	50.292	ug/l	99
48) Methyl methacrylate	9.688	41	154517	48.423	ug/l #	76
49) 1,4-Dioxane	9.700	88	49503	910.785	ug/l #	74
51) 4-Methyl-2-Pentanone	10.447	43	991010	237.282	ug/l #	85
52) Toluene	10.635	92	325610	50.389	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	195801	48.107	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	207806	46.879	ug/l #	83
55) 1,1,2-Trichloroethane	11.018	97	127425	49.180	ug/l	97
56) Ethyl methacrylate	10.876	69	206191	51.337	ug/l #	75
57) 1,3-Dichloropropane	11.165	76	228383	49.281	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	439627	228.025	ug/l	91
59) 2-Hexanone	11.200	43	715912	236.662	ug/l	83
60) Dibromochloromethane	11.365	129	141386	51.855	ug/l	99
61) 1,2-Dibromoethane	11.470	107	129785	49.292	ug/l	97
64) Tetrachloroethene	11.106	164	101087	50.394	ug/l	96
65) Chlorobenzene	11.894	112	337125	49.514	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	131059	50.934	ug/l	99
67) Ethyl Benzene	11.965	91	603552	48.745	ug/l	99
68) m/p-Xylenes	12.076	106	458349	99.010	ug/l	98
69) o-Xylene	12.400	106	222127	49.326	ug/l	95
70) Styrene	12.412	104	369616	49.224	ug/l	96
71) Bromoform	12.582	173	98531	52.672	ug/l #	98
73) Isopropylbenzene	12.700	105	561202	48.105	ug/l	100
74) N-amyl acetate	12.500	43	277661	47.152	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.941	83	189149	44.903	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	149068m	44.218	ug/l	
77) Bromobenzene	12.982	156	139099	49.604	ug/l	98
78) n-propylbenzene	13.041	91	655288	48.439	ug/l	98
79) 2-Chlorotoluene	13.129	91	395719	47.156	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	459775	49.732	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	62403	47.286	ug/l	87
82) 4-Chlorotoluene	13.223	91	384788	46.862	ug/l	98
83) tert-Butylbenzene	13.441	119	385376	49.612	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	459883	50.237	ug/l	100
85) sec-Butylbenzene	13.617	105	531161	49.688	ug/l	100
86) p-Isopropyltoluene	13.735	119	434791	50.908	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	234968	48.695	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	232684	48.178	ug/l	98
89) n-Butylbenzene	14.059	91	341614	48.603	ug/l	99
90) Hexachloroethane	14.335	117	86939	50.781	ug/l	85
91) 1,2-Dichlorobenzene	14.112	146	236557	49.297	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	35012	50.287	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	91146	53.579	ug/l	97
94) Hexachlorobutadiene	15.506	225	49114	56.806	ug/l	99
95) Naphthalene	15.647	128	296712	46.224	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	96040	51.547	ug/l	99

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

