

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011822\
 Data File : VN070665.D
 Acq On : 18 Jan 2022 12:34
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Jan 18 12:53:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 12:52:54 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/19/2022
 Supervised By :Semsettin Yesilyurt 01/19/2022

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

Internal Standards						
1) Pentafluorobenzene	8.083	168	844621	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1398268	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1322861	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	567560	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	1258809	103.749	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 207.500%#			
35) Dibromofluoromethane	8.021	113	915436	107.635	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 215.260%#			
50) Toluene-d8	10.440	98	3830964	109.462	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 218.920%#			
62) 4-Bromofluorobenzene	12.728	95	1452643	115.397	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 230.800%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	993342	104.797	ug/l	100
3) Chloromethane	2.303	50	1424423	108.109	ug/l	99
4) Vinyl Chloride	2.448	62	1388519	114.582	ug/l	99
5) Bromomethane	2.832	94	723185	116.661	ug/l	99
6) Chloroethane	3.006	64	833170	114.038	ug/l	98
7) Trichlorofluoromethane	3.371	101	1566581	108.792	ug/l	98
8) Diethyl Ether	3.821	74	742563	117.260	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.205	101	1018941	116.757	ug/l	96
10) Methyl Iodide	4.419	142	1325426	112.673	ug/l	98
11) Tert butyl alcohol	5.379	59	1179378	578.534	ug/l	98
12) 1,1-Dichloroethene	4.178	96	1033090	119.964	ug/l	93
13) Acrolein	4.038	56	1734325	913.555	ug/l	100
14) Allyl chloride	4.838	41	2233266	113.520	ug/l #	83
15) Acrylonitrile	5.551	53	3726800	580.517	ug/l	99
16) Acetone	4.283	43	4563563	577.334	ug/l	97
17) Carbon Disulfide	4.527	76	2706737	114.204	ug/l	98
18) Methyl Acetate	4.851	43	1679509	77.439	ug/l	92
19) Methyl tert-butyl Ether	5.615	73	3560672	110.916	ug/l	94
20) Methylene Chloride	5.092	84	1129277	103.276	ug/l	87
21) trans-1,2-Dichloroethene	5.594	96	995164	108.879	ug/l	86
22) Diisopropyl ether	6.495	45	4249387	110.708	ug/l	91
23) Vinyl Acetate	6.431	43	18737374	619.743	ug/l	95
24) 1,1-Dichloroethane	6.385	63	2139489	108.239	ug/l	98
25) 2-Butanone	7.332	43	5626844	561.287	ug/l	92
26) 2,2-Dichloropropane	7.324	77	1662663	107.367	ug/l	97
27) cis-1,2-Dichloroethene	7.324	96	1181956	108.724	ug/l	86
28) Bromochloromethane	7.656	49	963918	101.668	ug/l #	75
29) Tetrahydrofuran	7.681	42	3449369	574.009	ug/l	87
30) Chloroform	7.815	83	2007351	105.635	ug/l	99
31) Cyclohexane	8.094	56	2158017	111.097	ug/l	86
32) 1,1,1-Trichloroethane	8.013	97	1687108	105.992	ug/l	97
36) 1,1-Dichloropropene	8.220	75	1559139	110.854	ug/l	96
37) Ethyl Acetate	7.410	43	2045199	111.315	ug/l	98
38) Carbon Tetrachloride	8.206	117	1411893	106.222	ug/l	100
39) Methylcyclohexane	9.459	83	1994381	116.466	ug/l	89
40) Benzene	8.458	78	4718645	109.174	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011822\
 Data File : VN070665.D
 Acq On : 18 Jan 2022 12:34
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/19/2022
 Supervised By :Semsettin Yesilyurt 01/19/2022

Quant Time: Jan 18 12:53:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 12:52:54 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	1094701	120.014	ug/l #	85
42) 1,2-Dichloroethane	8.528	62	1624689	101.130	ug/l	99
43) Isopropyl Acetate	8.560	43	3245677	112.621	ug/l	96
44) Trichloroethene	9.215	130	1090608	106.696	ug/l	89
45) 1,2-Dichloropropane	9.488	63	1300956	111.608	ug/l	100
46) Dibromomethane	9.574	93	761047	105.886	ug/l	94
47) Bromodichloromethane	9.759	83	1569285	110.190	ug/l	99
48) Methyl methacrylate	9.558	41	1609276	117.580	ug/l #	78
49) 1,4-Dioxane	9.569	88	467797	2304.518	ug/l #	83
51) 4-Methyl-2-Pentanone	10.330	43	10404798	573.497	ug/l	99
52) Toluene	10.505	92	2902253	111.178	ug/l	97
53) t-1,3-Dichloropropene	10.717	75	1825800	118.006	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	1992424	118.535	ug/l	99
55) 1,1,2-Trichloroethane	10.896	97	1117732	108.358	ug/l	97
56) Ethyl methacrylate	10.759	69	2087410	121.748	ug/l	88
57) 1,3-Dichloropropane	11.041	76	2022131	110.524	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	2634912	717.593	ug/l	90
59) 2-Hexanone	11.084	43	7804442	589.035	ug/l	97
60) Dibromochloromethane	11.237	129	1136352	113.711	ug/l	100
61) 1,2-Dibromoethane	11.344	107	1169636	111.747	ug/l	99
64) Tetrachloroethene	10.977	164	957724	99.656	ug/l	94
65) Chlorobenzene	11.768	112	3037371	108.091	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	1060539	106.014	ug/l	99
67) Ethyl Benzene	11.843	91	5737805	111.114	ug/l	96
68) m/p-Xylenes	11.950	106	4200500	223.309	ug/l	92
69) o-Xylene	12.277	106	2102107	112.530	ug/l	91
70) Styrene	12.291	104	3526920	119.059	ug/l	96
71) Bromoform	12.454	173	867833	117.071	ug/l #	99
73) Isopropylbenzene	12.575	105	5523223	105.055	ug/l	98
74) N-amyl acetate	12.385	43	2470801	111.122	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.825	83	1730408	97.541	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	1549252m	92.183	ug/l	
77) Bromobenzene	12.859	156	1248978	103.688	ug/l	75
78) n-propylbenzene	12.918	91	6517578	111.369	ug/l	96
79) 2-Chlorotoluene	13.004	91	3917481	104.575	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	4586276	108.668	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.623	75	581194	124.540	ug/l	90
82) 4-Chlorotoluene	13.101	91	3835336	108.955	ug/l	91
83) tert-Butylbenzene	13.321	119	4011118	107.867	ug/l	94
84) 1,2,4-Trimethylbenzene	13.366	105	4480247	110.185	ug/l	97
85) sec-Butylbenzene	13.500	105	5671976	112.240	ug/l	97
86) p-Isopropyltoluene	13.613	119	4539494	114.277	ug/l	96
87) 1,3-Dichlorobenzene	13.613	146	2112428	104.249	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	2068111	103.375	ug/l	97
89) n-Butylbenzene	13.940	91	3921354	118.223	ug/l	97
90) Hexachloroethane	14.209	117	794802	115.702	ug/l	92
91) 1,2-Dichlorobenzene	13.986	146	2009037	101.184	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.600	75	332206	108.822	ug/l	82
93) 1,2,4-Trichlorobenzene	15.263	180	1083602	115.003	ug/l	98
94) Hexachlorobutadiene	15.367	225	586601	106.239	ug/l	99
95) Naphthalene	15.504	128	3063778	119.941	ug/l	100
96) 1,2,3-Trichlorobenzene	15.697	180	1036364	112.661	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011822\
Data File : VN070665.D
Acq On : 18 Jan 2022 12:34
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/19/2022
Supervised By :Semsettin Yesilyurt 01/19/2022

Quant Time: Jan 18 12:53:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 18 12:52:54 2022
Response via : Initial Calibration

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

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

