

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011822\
 Data File : VN070666.D
 Acq On : 18 Jan 2022 12:59
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

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

Quant Time: Jan 18 13:19:52 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)

Internal Standards						
1) Pentafluorobenzene	8.083	168	870064	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1456237	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1422253	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	589467	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	1937424	155.009	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	310.020%#
35) Dibromofluoromethane	8.018	113	1400592	158.123	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	316.240%#
50) Toluene-d8	10.440	98	5853265	160.588	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	321.180%#
62) 4-Bromofluorobenzene	12.728	95	2222591	169.533	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	339.060%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.070	85	1473003	150.857	ug/l	100
3) Chloromethane	2.301	50	2108983	155.385	ug/l	99
4) Vinyl Chloride	2.445	62	2095213	167.843	ug/l	99
5) Bromomethane	2.818	94	863534	135.228	ug/l	100
6) Chloroethane	2.993	64	1213458	161.232	ug/l	98
7) Trichlorofluoromethane	3.363	101	2403994	162.065	ug/l	98
8) Diethyl Ether	3.819	74	1082112	165.882	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.202	101	1378645	153.354	ug/l	95
10) Methyl Iodide	4.414	142	2015289	166.308	ug/l	98
11) Tert butyl alcohol	5.388	59	1892370	901.140	ug/l	98
12) 1,1-Dichloroethene	4.173	96	1417519	159.791	ug/l	92
13) Acrolein	4.036	56	2457184	1256.471	ug/l	100
14) Allyl chloride	4.835	41	3403812	167.961	ug/l #	83
15) Acrylonitrile	5.551	53	5675665	858.236	ug/l	99
16) Acetone	4.283	43	6201358	761.589	ug/l	97
17) Carbon Disulfide	4.521	76	4190439	171.634	ug/l	99
18) Methyl Acetate	4.848	43	2532371	113.349	ug/l	92
19) Methyl tert-butyl Ether	5.613	73	5416085	163.779	ug/l	94
20) Methylene Chloride	5.090	84	1707588	151.598	ug/l	87
21) trans-1,2-Dichloroethene	5.591	96	1498192	159.122	ug/l	86
22) Diisopropyl ether	6.495	45	6383720	161.450	ug/l #	90
23) Vinyl Acetate	6.431	43	28089938	901.912	ug/l	95
24) 1,1-Dichloroethane	6.383	63	3213988	157.844	ug/l	98
25) 2-Butanone	7.332	43	8501942	823.282	ug/l	93
26) 2,2-Dichloropropane	7.321	77	2530091	158.604	ug/l	97
27) cis-1,2-Dichloroethene	7.321	96	1788216	159.682	ug/l	86
28) Bromochloromethane	7.654	49	1485618	152.112	ug/l #	76
29) Tetrahydrofuran	7.681	42	5240044	846.495	ug/l	87
30) Chloroform	7.815	83	3003978	153.459	ug/l	100
31) Cyclohexane	8.091	56	3210196	160.432	ug/l	85
32) 1,1,1-Trichloroethane	8.013	97	2567620	156.593	ug/l	98
36) 1,1-Dichloropropene	8.220	75	2368523	161.697	ug/l	96
37) Ethyl Acetate	7.410	43	3139262	164.061	ug/l	98
38) Carbon Tetrachloride	8.204	117	2141131	154.673	ug/l	98
39) Methylcyclohexane	9.456	83	2995017	167.938	ug/l	88
40) Benzene	8.456	78	7133542	158.477	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011822\
 Data File : VN070666.D
 Acq On : 18 Jan 2022 12:59
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Jan 18 13:19:52 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)
41) Methacrylonitrile	7.635	41	1605611	169.019	ug/l #	88
42) 1,2-Dichloroethane	8.528	62	2486372	148.606	ug/l	99
43) Isopropyl Acetate	8.558	43	5013838	167.049	ug/l	96
44) Trichloroethene	9.215	130	1664974	156.403	ug/l	90
45) 1,2-Dichloropropane	9.488	63	1981994	163.266	ug/l	99
46) Dibromomethane	9.574	93	1150216	153.662	ug/l	94
47) Bromodichloromethane	9.759	83	2409377	162.444	ug/l	99
48) Methyl methacrylate	9.558	41	2505891	175.802	ug/l #	78
49) 1,4-Dioxane	9.569	88	719135	3401.664	ug/l #	82
51) 4-Methyl-2-Pentanone	10.330	43	15899836	841.489	ug/l	100
52) Toluene	10.502	92	4386465	161.346	ug/l	96
53) t-1,3-Dichloropropene	10.717	75	2882600	178.893	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	3077092	175.777	ug/l	99
55) 1,1,2-Trichloroethane	10.896	97	1718873	160.003	ug/l	98
56) Ethyl methacrylate	10.759	69	3273773	183.341	ug/l	88
57) 1,3-Dichloropropane	11.041	76	3096769	162.523	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	4338710	1134.569	ug/l	90
59) 2-Hexanone	11.084	43	11643498	843.803	ug/l	98
60) Dibromochloromethane	11.237	129	1790267	172.014	ug/l	100
61) 1,2-Dibromoethane	11.344	107	1797723	164.917	ug/l	99
64) Tetrachloroethene	10.974	164	1442946	139.652	ug/l	95
65) Chlorobenzene	11.768	112	4699097	155.540	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.838	131	1640429	152.521	ug/l	99
67) Ethyl Benzene	11.843	91	8744729	157.509	ug/l	96
68) m/p-Xylenes	11.950	106	6452935	319.080	ug/l	93
69) o-Xylene	12.277	106	3243235	161.485	ug/l	91
70) Styrene	12.291	104	5424317	170.313	ug/l	96
71) Bromoform	12.457	173	1341226	168.288	ug/l #	99
73) Isopropylbenzene	12.578	105	8502252	155.707	ug/l	98
74) N-amyl acetate	12.387	43	3836051	166.111	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.825	83	2524133	136.994	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	2147484m	123.029	ug/l	
77) Bromobenzene	12.859	156	1871153	149.567	ug/l	75
78) n-propylbenzene	12.918	91	9942699	163.581	ug/l	96
79) 2-Chlorotoluene	13.004	91	5955724	153.077	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	6937149	158.262	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.623	75	893826	184.414	ug/l	88
82) 4-Chlorotoluene	13.104	91	5723685	156.556	ug/l	92
83) tert-Butylbenzene	13.321	119	6023576	155.965	ug/l	94
84) 1,2,4-Trimethylbenzene	13.366	105	6659193	157.686	ug/l	98
85) sec-Butylbenzene	13.500	105	8500688	161.964	ug/l	97
86) p-Isopropyltoluene	13.613	119	6741570	163.405	ug/l	96
87) 1,3-Dichlorobenzene	13.613	146	3153294	149.833	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	3116969	150.012	ug/l	97
89) n-Butylbenzene	13.940	91	5969202	173.274	ug/l	96
90) Hexachloroethane	14.209	117	1195783	167.605	ug/l	91
91) 1,2-Dichlorobenzene	13.986	146	3025441	146.711	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	530932	167.456	ug/l	82
93) 1,2,4-Trichlorobenzene	15.260	180	1733414	177.131	ug/l	98
94) Hexachlorobutadiene	15.367	225	875741	152.711	ug/l	99
95) Naphthalene	15.504	128	5019073	189.185	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	1647529	172.443	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011822\
Data File : VN070666.D
Acq On : 18 Jan 2022 12:59
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 18 13:19:52 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

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

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)
----------	------	------	----------	------	-------	----------

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

