Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101419\
Data File : BF117401.D
Acq On : 14 Oct 2019 14:49
Operator : JU
Sample : SSTDICC100
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Manual Integrations APPROVED
mohammad
10/16/2019 8:10:27 AM

Quant Time: Oct 14 19:05:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 14 14:19:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	53399	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	223514	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	114415	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	176935	20.00	ng		0.00
76) Chrysene-d12	13.97	240	109669	20.00	ng		0.00
87) Perylene-d12	15.42	264	91244	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	679064	198.54	ng		0.00
7) Phenol-d6	6.46	99	875159	197.99	ng		0.02
23) Nitrobenzene-d5	7.37	82	868197	204.09	ng		0.01
42) 2,4,6-Tribromophenol	10.63	330	170734	178.55	ng		0.01
45) 2-Fluorobiphenyl	9.16	172	1463216	199.96	ng		0.01
79) Terphenyl-d14	12.91	244	1275188	217.35	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	143878	100.529	ng		99
3) Pyridine	3.26	79	395458	100.950	ng		97
4) n-Nitrosodimethylamine	3.25	42	141203	105.035	ng		87
6) Aniline	6.47	93	534243	93.874	ng	#	52
8) 2-Chlorophenol	6.60	128	368196	99.787	ng		97
9) Benzaldehyde	6.35	77	160328	66.428	ng		97
10) Phenol	6.47	94	493139	101.200	ng		98
11) bis(2-Chloroethyl)ether	6.55	93	368948	103.017	ng		98
12) 1,3-Dichlorobenzene	6.74	146	412811	99.702	ng		98
13) 1,4-Dichlorobenzene	6.82	146	420929	99.619	ng		98
14) 1,2-Dichlorobenzene	6.97	146	386729	98.304	ng		97
15) Benzyl Alcohol	6.96	79	337318	99.514	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	385449	108.934	ng		69
17) 2-Methylphenol	7.07	107	305832	98.898	ng	#	88
18) Hexachloroethane	7.30	117	165314	101.699	ng		97
19) n-Nitroso-di-n-propylamine	7.23	70	285084	105.916	ng		96
20) 3+4-Methylphenols	7.23	107	384446	99.807	ng		95
22) Acetophenone	7.22	105	572561	100.824	ng	#	96
24) Nitrobenzene	7.39	77	429025	102.126	ng		97
25) Isophorone	7.63	82	772104	102.510	ng		99
26) 2-Nitrophenol	7.70	139	196843	109.087	ng		97
27) 2,4-Dimethylphenol	7.75	122	292365	102.172	ng		98
28) bis(2-Chloroethoxy)methane	7.83	93	473322	101.997	ng		98
29) 2,4-Dichlorophenol	7.95	162	298120	99.429	ng		95
30) 1,2,4-Trichlorobenzene	8.03	180	319104	98.510	ng		98
31) Naphthalene	8.10	128	1071870	99.712	ng		99
32) Benzoic acid	7.95	122	220394	109.509	ng		90
33) 4-Chloroaniline	8.16	127	436687	91.591	ng		99
34) Hexachlorobutadiene	8.22	225	186520	101.490	ng		99
35) Caprolactam	8.57	113	90598m	89.271	ng		
36) 4-Chloro-3-methylphenol	8.66	107	339488	97.104	ng		99
37) 2-Methylnaphthalene	8.79	142	725357	100.205	ng		98
38) 1-Methylnaphthalene	8.89	142	681544	100.528	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	291816	98.770	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	90199	81.167	ng		94
43) 2,4,6-Trichlorophenol	9.08	196	184509	92.024	ng		96
44) 2,4,5-Trichlorophenol	9.13	196	185932	86.796	ng		95
46) 1,1'-Biphenyl	9.26	154	878793	97.919	ng		97
47) 2-Chloronaphthalene	9.29	162	689635	97.365	ng		98
48) 2-Nitroaniline	9.39	65	220817	97.196	ng		99
49) Acenaphthylene	9.70	152	989763	93.280	ng		99
50) Dimethylphthalate	9.56	163	775859	95.771	ng		100
51) 2,6-Dinitrotoluene	9.64	165	167355	101.431	ng		91
52) Acenaphthene	9.87	154	611502	97.220	ng		99
53) 3-Nitroaniline	9.81	138	198235	95.226	ng		96
54) 2,4-Dinitrophenol	9.93	184	74017	126.735	ng		92
55) Dibenzofuran	10.05	168	875663	94.358	ng		96
56) 4-Nitrophenol	9.99	139	95959	71.123	ng		93
57) 2,4-Dinitrotoluene	10.05	165	218521	102.031	ng		91
58) Fluorene	10.39	166	731136	97.804	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	134527	82.064	ng		98
60) Diethylphthalate	10.26	149	772258	96.894	ng		99
61) 4-Chlorophenyl-phenylether	10.37	204	321373	99.361	ng		93
62) 4-Nitroaniline	10.44	138	178964	82.666	ng		96
63) Azobenzene	10.54	77	794481	97.600	ng		98
65) 4,6-Dinitro-2-methylphenol	10.47	198	99409	133.866	ng		95
66) n-Nitrosodiphenylamine	10.50	169	628493	102.853	ng		98
67) 4-Bromophenyl-phenylether	10.86	248	187440	103.734	ng		96
68) Hexachlorobenzene	10.95	284	200646	101.524	ng	#	91
69) Atrazine	11.02	200	31381	20.907	ng		98
70) Pentachlorophenol	11.14	266	62557	67.526	ng		96
71) Phenanthrene	11.35	178	974033	96.920	ng		99
72) Anthracene	11.40	178	994674	96.946	ng		99
73) Carbazole	11.56	167	909762	93.415	ng		99
74) Di-n-butylphthalate	11.87	149	1247063	107.624	ng		99
75) Fluoranthene	12.54	202	956986	92.676	ng		98
77) Benzidine	12.66	184	114484m	32.407	ng		
78) Pyrene	12.77	202	955956	103.885	ng		100
80) Butylbenzylphthalate	13.37	149	486702	111.934	ng		99
81) Benzo(a)anthracene	13.96	228	726775	99.190	ng		99
83) Chrysene	14.00	228	687803	96.246	ng		98
84) Bis(2-ethylhexyl)phthalate	13.93	149	681763	121.607	ng	#	96
85) Di-n-octyl phthalate	14.54	149	1000507	113.386	ng		98
86) Indeno(1,2,3-cd)pyrene	16.89	276	521789	100.081	ng		99
88) Benzo(b)fluoranthene	15.00	252	543980	98.423	ng		99
89) Benzo(k)fluoranthene	15.03	252	517333	98.811	ng		100
90) Benzo(a)pyrene	15.36	252	471637	97.244	ng		98
91) Dibenzo(a,h)anthracene	16.89	278	436238	112.907	ng		97
92) Benzo(g,h,i)perylene	17.32	276	426443	110.761	ng		97

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

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