Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060419\
Data File : BF114794.D
Acq On : 4 Jun 2019 15:59
Operator : HP/JU
Sample : SSTDICC100
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Manual Integrations APPROVED
mohammad
6/5/2019 3:40:48 PM

Quant Time: Jun 04 16:57:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 04 15:56:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	407512	20.00	ng		0.00
21) Naphthalene-d8	7.96	136	1656408	20.00	ng		0.00
39) Acenaphthene-d10	9.70	164	809720	20.00	ng		0.00
64) Phenanthrene-d10	11.17	188	1474544	20.00	ng		0.00
76) Chrysene-d12	13.80	240	614695	20.00	ng		0.00
87) Perylene-d12	15.17	264	954425	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	4050924	175.81	ng		0.02
7) Phenol-d6	6.33	99	4802185	171.39	ng		0.02
23) Nitrobenzene-d5	7.25	82	4829032	181.47	ng		0.02
42) 2,4,6-Tribromophenol	10.49	330	1448917	167.86	ng		0.01
45) 2-Fluorobiphenyl	9.04	172	6631596	143.57	ng		0.01
79) Terphenyl-d14	12.76	244	5909043	189.50	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	1057623	96.243	ng		100
3) Pyridine	2.99	79	3047230	100.937	ng		99
4) n-Nitrosodimethylamine	2.96	42	1139659	103.457	ng		94
6) Aniline	6.35	93	3535716	89.057	ng		98
8) 2-Chlorophenol	6.47	128	2336814	87.935	ng		97
9) Benzaldehyde	6.22	77	1675628	86.192	ng		98
10) Phenol	6.34	94	2830257	88.498	ng		99
11) bis(2-Chloroethyl)ether	6.42	93	2238875	89.617	ng		97
12) 1,3-Dichlorobenzene	6.62	146	2731203	88.024	ng		96
13) 1,4-Dichlorobenzene	6.69	146	2671890	85.606	ng		95
14) 1,2-Dichlorobenzene	6.85	146	2184496	77.329	ng		97
15) Benzyl Alcohol	6.83	79	1751071	82.623	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.96	45	3178391	88.855	ng		95
17) 2-Methylphenol	6.93	107	2144152	94.468	ng		98
18) Hexachloroethane	7.19	117	1069171	91.215	ng		99
19) n-Nitroso-di-n-propylamine	7.12	70	1754328	94.764	ng		98
20) 3+4-Methylphenols	7.10	107	2107229	84.094	ng		96
22) Acetophenone	7.09	105	3232035	89.653	ng	#	96
24) Nitrobenzene	7.27	77	2449599	88.661	ng		95
25) Isophorone	7.52	82	5261247	100.345	ng		100
26) 2-Nitrophenol	7.57	139	1478317	99.354	ng		92
27) 2,4-Dimethylphenol	7.63	122	2106313	92.918	ng		98
28) bis(2-Chloroethoxy)methane	7.72	93	3057716	91.001	ng		97
29) 2,4-Dichlorophenol	7.82	162	2161442	90.472	ng		96
30) 1,2,4-Trichlorobenzene	7.90	180	2427467	88.595	ng		99
31) Naphthalene	7.98	128	5875191	79.527	ng	#	93
32) Benzoic acid	7.81	122	1866533	113.413	ng		99
33) 4-Chloroaniline	8.03	127	3019856	85.889	ng		96
34) Hexachlorobutadiene	8.10	225	1348573	86.588	ng		100
35) Caprolactam	8.45	113	812955m	106.175	ng		
36) 4-Chloro-3-methylphenol	8.52	107	2204629	92.927	ng		98
37) 2-Methylnaphthalene	8.67	142	4138805	80.678	ng		96
38) 1-Methylnaphthalene	8.77	142	3894842	80.224	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.84	216	1865007	80.680	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.83	237	1313165	93.903	ng		99
43) 2,4,6-Trichlorophenol	8.95	196	1691856	94.240	ng		99
44) 2,4,5-Trichlorophenol	8.99	196	1653083	91.531	ng		98
46) 1,1'-Biphenyl	9.14	154	4452133	74.605	ng		95
47) 2-Chloronaphthalene	9.16	162	4027488	79.658	ng		93
48) 2-Nitroaniline	9.25	65	1405672	93.581	ng		98
49) Acenaphthylene	9.57	152	5599267	76.416	ng		95
50) Dimethylphthalate	9.45	163	5069851	86.761	ng		97
51) 2,6-Dinitrotoluene	9.50	165	1282635	93.459	ng		94
52) Acenaphthene	9.75	154	3976640m	82.795	ng		
53) 3-Nitroaniline	9.67	138	1470073	91.471	ng		97
54) 2,4-Dinitrophenol	9.77	184	699373	112.722	ng		98
56) 4-Nitrophenol	9.83	139	1116632	95.116	ng		98
57) 2,4-Dinitrotoluene	9.90	165	1408316	80.882	ng	#	78
59) 2,3,4,6-Tetrachlorophenol	10.03	232	1314932	88.926	ng		98
60) Diethylphthalate	10.14	149	4732266	80.415	ng		95
62) 4-Nitroaniline	10.29	138	1456242	93.475	ng		99
63) Azobenzene	10.40	77	4068786	81.292	ng		97
65) 4,6-Dinitro-2-methylphenol	10.31	198	830398	110.388	ng		92
66) n-Nitrosodiphenylamine	10.37	169	3770735	85.548	ng		97
67) 4-Bromophenyl-phenylether	10.73	248	1431579	86.413	ng		98
68) Hexachlorobenzene	10.80	284	1594347	88.027	ng		95
69) Atrazine	10.90	200	1384653	90.537	ng		98
70) Pentachlorophenol	10.99	266	1004242	96.046	ng		98
71) Phenanthrene	11.20	178	5371317	77.054	ng		94
73) Carbazole	11.40	167	4959651	78.736	ng		96
77) Benzidine	12.50	184	2854467	95.075	ng	#	93
78) Pyrene	12.61	202	5317071	101.415	ng		95
80) Butylbenzylphthalate	13.23	149	2927845	110.912	ng		97
81) Benzo(a)anthracene	13.79	228	4634633	99.284	ng		97
82) 3,3'-Dichlorobenzidine	13.76	252	1964153	103.975	ng		98
83) Chrysene	13.83	228	4630071	102.169	ng		95
84) Bis(2-ethylhexyl)phthalate	13.80	149	3266438	97.706	ng	#	97
85) Di-n-octyl phthalate	14.41	149	5668039	99.536	ng		98
86) Indeno(1,2,3-cd)pyrene	16.50	276	5557809	107.369	ng		100
88) Benzo(b)fluoranthene	14.80	252	6011946	100.900	ng		99
90) Benzo(a)pyrene	15.13	252	4691173	90.318	ng		96
91) Dibenzo(a,h)anthracene	16.52	278	4270073	86.809	ng		98
92) Benzo(g,h,i)perylene	16.90	276	4547591	92.105	ng		99

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

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