Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
Data File : BF107522.D
Acq On : 20 Jul 2018 14:10
Operator : JU/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Sohil
7/23/2018 12:44:21 PM

Quant Time: Jul 20 15:57:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 14:36:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	351697	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	1397694	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	630522	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	1232583	20.00	ng		0.00
75) Chrysene-d12	14.17	240	952281	20.00	ng		0.00
86) Perylene-d12	15.70	264	838637	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	1775583	76.68	ng		0.00
7) Phenol-d6	6.61	99	2057321	68.72	ng		0.00
23) Nitrobenzene-d5	7.55	82	1717642	65.53	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	597620	107.88	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	2999376	68.36	ng		0.00
78) Terphenyl-d14	13.10	244	2810692	73.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.86	88	408908	35.767	ng	#	83
3) Pyridine	3.63	79	1122918	36.416	ng	#	85
4) n-Nitrosodimethylamine	3.61	42	459818	36.315	ng		92
6) Aniline	6.65	93	1353771	34.205	ng	#	89
8) 2-Chlorophenol	6.77	128	936243	39.978	ng		93
9) Benzaldehyde	6.53	77	632260	26.252	ng		100
10) Phenol	6.62	94	1210405	37.710	ng		90
11) bis(2-Chloroethyl)ether	6.71	93	1041131	39.747	ng		91
12) 1,3-Dichlorobenzene	6.92	146	1041771	36.640	ng		99
13) 1,4-Dichlorobenzene	7.00	146	1071618	38.021	ng		98
14) 1,2-Dichlorobenzene	7.15	146	948881	35.981	ng		98
15) Benzyl Alcohol	7.12	79	730561	24.297	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.25	45	1690270	60.471	ng		92
17) 2-Methylphenol	7.23	107	791177	35.532	ng		95
18) Hexachloroethane	7.48	117	389310	37.123	ng		95
19) n-Nitroso-di-n-propylamine	7.39	70	646363	30.152	ng		97
20) 3+4-Methylphenols	7.38	107	931400	32.929	ng	#	70
22) Acetophenone	7.39	105	1240634	32.306	ng	#	90
24) Nitrobenzene	7.57	77	995262	33.788	ng		98
25) Isophorone	7.80	82	1735506	33.405	ng		99
26) 2-Nitrophenol	7.88	139	427053	42.650	ng		98
27) 2,4-Dimethylphenol	7.91	122	750334	35.935	ng		98
28) bis(2-Chloroethoxy)methane	8.00	93	1158742	35.613	ng		98
29) 2,4-Dichlorophenol	8.12	162	798840	36.764	ng		97
30) 1,2,4-Trichlorobenzene	8.20	180	854110	32.461	ng		98
31) Naphthalene	8.28	128	2351626	34.638	ng		95
32) Benzoic acid	8.05	122	507377m	39.593	ng		
33) 4-Chloroaniline	8.33	127	999063	33.979	ng		95
34) Hexachlorobutadiene	8.39	225	507304	28.814	ng		99
35) Caprolactam	8.71	113	259042m	36.649	ng		
36) 4-Chloro-3-methylphenol	8.82	107	865556	30.487	ng		99
37) 2-Methylnaphthalene	8.97	142	1623628	36.282	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	822013	33.502	ng		99
40) Hexachlorocyclopentadiene	9.12	237	448363	34.987	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	563359	36.782	ng		99
43) 2,4,5-Trichlorophenol	9.30	196	588772	40.183	ng		95
45) 1,1'-Biphenyl	9.44	154	2097325	38.472	ng		96
46) 2-Chloronaphthalene	9.47	162	1624470	37.728	ng		97
47) 2-Nitroaniline	9.57	65	521861	39.606	ng		86
48) Acenaphthylene	9.88	152	2417871	40.239	ng		94
49) Dimethylphthalate	9.74	163	1831433	36.558	ng		97
50) 2,6-Dinitrotoluene	9.81	165	389603	40.755	ng		94
51) Acenaphthene	10.06	154	1558816	39.133	ng		98
52) 3-Nitroaniline	9.98	138	472568	47.064	ng		99
53) 2,4-Dinitrophenol	10.08	184	124153	36.863	ng	#	21
54) Dibenzofuran	10.23	168	2209754	35.899	ng		95
55) 4-Nitrophenol	10.15	139	364872	44.907	ng		96
56) 2,4-Dinitrotoluene	10.21	165	485167	38.937	ng		97
57) Fluorene	10.57	166	1638050	40.180	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.35	232	487254	34.330	ng		90
59) Diethylphthalate	10.44	149	1904730	39.136	ng		95
60) 4-Chlorophenyl-phenylether	10.56	204	893312	36.787	ng		95
61) 4-Nitroaniline	10.61	138	409207	42.823	ng		96
62) Azobenzene	10.72	77	1845096	32.283	ng		91
64) 4,6-Dinitro-2-methylphenol	10.62	198	216851	36.932	ng		92
65) n-Nitrosodiphenylamine	10.68	169	1602319	41.160	ng		99
66) 4-Bromophenyl-phenylether	11.05	248	561010	39.783	ng	#	87
67) Hexachlorobenzene	11.12	284	616257	47.210	ng	#	91
68) Atrazine	11.21	200	505618	34.370	ng		97
69) Pentachlorophenol	11.32	266	409198	42.419	ng		99
70) Phenanthrene	11.54	178	2251310	36.650	ng		96
71) Anthracene	11.59	178	2249258	36.763	ng		95
72) Carbazole	11.75	167	2341311	40.421	ng		96
73) Di-n-butylphthalate	12.07	149	2644387	39.725	ng		97
74) Fluoranthene	12.73	202	2413360	34.567	ng		96
76) Benzidine	12.85	184	1053561	28.507	ng		98
77) Pyrene	12.97	202	2460670	37.999	ng		96
79) Butylbenzylphthalate	13.57	149	1189291	50.419	ng	#	92
80) Benzo(a)anthracene	14.15	228	2178197	37.384	ng		96
81) 3,3'-Dichlorobenzidine	14.11	252	672842	34.432	ng		99
82) Chrysene	14.19	228	2025542	36.392	ng		95
83) Bis(2-ethylhexyl)phthalate	14.12	149	1545620	45.726	ng	#	96
84) Di-n-octyl phthalate	14.75	149	2538556	48.312	ng		97
85) Indeno(1,2,3-cd)pyrene	17.28	276	1644232	41.502	ng		97
87) Benzo(b)fluoranthene	15.24	252	1840513	37.495	ng		97
88) Benzo(k)fluoranthene	15.28	252	1748538	36.501	ng		99
89) Benzo(a)pyrene	15.64	252	1657147	36.781	ng		98
90) Dibenzo(a,h)anthracene	17.29	278	1374055	40.410	ng		98
91) Benzo(g,h,i)perylene	17.76	276	1362725	39.441	ng		96

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

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