Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081518\
Data File : BF108167.D
Acq On : 15 Aug 2018 16:01
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
8/16/2018 5:27:00 PM

Quant Time: Aug 15 16:33:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	264509	20.00	ng		0.00
21) Naphthalene-d8	8.31	136	1026386	20.00	ng		0.00
38) Acenaphthene-d10	10.07	164	518163	20.00	ng		0.00
63) Phenanthrene-d10	11.57	188	1011463	20.00	ng		0.00
75) Chrysene-d12	14.23	240	729880	20.00	ng		0.01
86) Perylene-d12	15.79	264	545237	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	1165055	79.74	ng		0.02
7) Phenol-d6	6.65	99	1548311	79.75	ng		0.02
23) Nitrobenzene-d5	7.59	82	1521874	82.74	ng		0.01
41) 2,4,6-Tribromophenol	10.87	330	453610	87.76	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	2569181	79.60	ng		0.00
78) Terphenyl-d14	13.15	244	2465213	85.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.93	88	280091	37.310	ng		89
3) Pyridine	3.70	79	731307	37.816	ng		84
4) n-Nitrosodimethylamine	3.68	42	407207	37.421	ng	#	83
6) Aniline	6.69	93	1079695	40.885	ng		96
8) 2-Chlorophenol	6.81	128	671492	40.808	ng		99
9) Benzaldehyde	6.58	77	562926	37.397	ng		98
10) Phenol	6.66	94	800912	39.881	ng		89
11) bis(2-Chloroethyl)ether	6.75	93	653784	40.268	ng		91
12) 1,3-Dichlorobenzene	6.97	146	762393	40.071	ng		99
13) 1,4-Dichlorobenzene	7.04	146	765014	40.020	ng		97
14) 1,2-Dichlorobenzene	7.20	146	700436	39.392	ng		97
15) Benzyl Alcohol	7.16	79	648929	39.704	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.29	45	1279542	38.256	ng		98
17) 2-Methylphenol	7.27	107	567647	40.227	ng		95
18) Hexachloroethane	7.53	117	283555	41.665	ng		99
19) n-Nitroso-di-n-propylamine	7.44	70	505667	38.515	ng		91
20) 3+4-Methylphenols	7.42	107	699366	38.675	ng		89
22) Acetophenone	7.43	105	935503	38.980	ng	#	92
24) Nitrobenzene	7.61	77	758567	40.784	ng		94
25) Isophorone	7.84	82	1409623	40.207	ng		97
26) 2-Nitrophenol	7.92	139	338796	48.233	ng		90
27) 2,4-Dimethylphenol	7.95	122	625312	40.187	ng		97
28) bis(2-Chloroethoxy)methane	8.04	93	832403	40.671	ng		98
29) 2,4-Dichlorophenol	8.16	162	597970	41.759	ng		98
30) 1,2,4-Trichlorobenzene	8.24	180	637876	40.403	ng		99
31) Naphthalene	8.33	128	1854870	39.738	ng		97
32) Benzoic acid	8.07	122	322772	37.272	ng		92
33) 4-Chloroaniline	8.37	127	817384	40.182	ng		96
34) Hexachlorobutadiene	8.44	225	411652	41.188	ng		99
35) Caprolactam	8.76	113	203208m	45.285	ng		
36) 4-Chloro-3-methylphenol	8.85	107	621693	40.245	ng		97
37) 2-Methylnaphthalene	9.02	142	1308725	39.628	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	667795	41.967	ng		98
40) Hexachlorocyclopentadiene	9.17	237	418017	40.671	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.30	196	443786	44.943	ng		97
43) 2,4,5-Trichlorophenol	9.34	196	466874	42.951	ng		95
45) 1,1'-Biphenyl	9.48	154	1563325	40.920	ng		99
46) 2-Chloronaphthalene	9.51	162	1242287	41.142	ng		99
47) 2-Nitroaniline	9.61	65	427235	43.729	ng		86
48) Acenaphthylene	9.94	152	1920667	40.235	ng		97
49) Dimethylphthalate	9.78	163	1460696	40.469	ng	#	98
50) 2,6-Dinitrotoluene	9.85	165	327302	43.342	ng	#	87
51) Acenaphthene	10.11	154	1190548	40.719	ng		99
52) 3-Nitroaniline	10.02	138	341436	41.324	ng		94
53) 2,4-Dinitrophenol	10.12	184	123524	46.893	ng	#	21
54) Dibenzofuran	10.28	168	1676358	39.574	ng		95
55) 4-Nitrophenol	10.17	139	269074	43.005	ng		84
56) 2,4-Dinitrotoluene	10.26	165	435569	44.810	ng	#	95
57) Fluorene	10.62	166	1336873	39.868	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.40	232	397426	43.744	ng	#	87
59) Diethylphthalate	10.48	149	1390924	39.796	ng	#	94
60) 4-Chlorophenyl-phenylether	10.61	204	693079	39.666	ng		93
61) 4-Nitroaniline	10.64	138	353174	43.234	ng		92
62) Azobenzene	10.77	77	1411293	39.099	ng		92
64) 4,6-Dinitro-2-methylphenol	10.67	198	172137	45.628	ng		77
65) n-Nitrosodiphenylamine	10.73	169	1222284	40.893	ng		97
66) 4-Bromophenyl-phenylether	11.10	248	452478	41.165	ng	#	88
67) Hexachlorobenzene	11.17	284	473547	40.946	ng	#	87
68) Atrazine	11.25	200	413709	41.267	ng		95
69) Pentachlorophenol	11.37	266	233168	42.121	ng		97
70) Phenanthrene	11.60	178	1885756	39.528	ng		97
71) Anthracene	11.65	178	1941771	39.712	ng		97
72) Carbazole	11.80	167	1734725	39.931	ng		98
73) Di-n-butylphthalate	12.11	149	2043812	41.535	ng		98
74) Fluoranthene	12.79	202	2059996	39.565	ng		95
76) Benzidine	12.90	184	1160338	42.550	ng		98
77) Pyrene	13.02	202	2021568	43.748	ng		96
79) Butylbenzylphthalate	13.62	149	872583	47.555	ng	#	97
80) Benzo(a)anthracene	14.22	228	1733682	41.389	ng		97
81) 3,3'-Dichlorobenzidine	14.18	252	594742	39.619	ng	#	96
82) Chrysene	14.26	228	1542561	40.168	ng		97
83) Bis(2-ethylhexyl)phthalate	14.18	149	1073741	43.213	ng		98
84) Di-n-octyl phthalate	14.81	149	1691844	44.645	ng		96
85) Indeno(1,2,3-cd)pyrene	17.43	276	1246468	37.461	ng	#	91
87) Benzo(b)fluoranthene	15.32	252	1328382	40.773	ng	#	96
88) Benzo(k)fluoranthene	15.36	252	1278636	42.694	ng	#	96
89) Benzo(a)pyrene	15.73	252	1219345	41.795	ng	#	96
90) Dibenzo(a,h)anthracene	17.44	278	1035889	42.913	ng	#	93
91) Benzo(g,h,i)perylene	17.93	276	1043997	43.922	ng	#	89

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

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