Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092418\
Data File : BF109255.D
Acq On : 24 Sep 2018 9:48
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
9/25/2018 9:57:02 AM

Quant Time: Sep 24 13:57:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	121129	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	490989	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	238576	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	469072	20.00	ng		0.00
75) Chrysene-d12	13.85	240	332881	20.00	ng		0.00
86) Perylene-d12	15.24	264	294511	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	580681	78.96	ng		0.00
7) Phenol-d6	6.35	99	745708	79.46	ng		0.00
23) Nitrobenzene-d5	7.27	82	648545	77.97	ng		0.00
41) 2,4,6-Tribromophenol	10.53	330	195924	83.31	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1257454	79.49	ng		0.00
78) Terphenyl-d14	12.80	244	1118239	82.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	130700	38.589	ng		92
3) Pyridine	3.07	79	366490	42.042	ng		91
4) n-Nitrosodimethylamine	3.00	42	146352	39.450	ng	#	98
6) Aniline	6.37	93	475148	39.576	ng	#	87
8) 2-Chlorophenol	6.49	128	324623	39.694	ng		99
9) Benzaldehyde	6.25	77	232899	38.633	ng		98
10) Phenol	6.36	94	414117	38.967	ng	#	73
11) bis(2-Chloroethyl)ether	6.45	93	324880	39.068	ng		97
12) 1,3-Dichlorobenzene	6.65	146	375087	39.835	ng		99
13) 1,4-Dichlorobenzene	6.73	146	376861	39.728	ng		99
14) 1,2-Dichlorobenzene	6.88	146	349259	39.912	ng		99
15) Benzyl Alcohol	6.86	79	295855	41.188	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.99	45	457973	38.826	ng		95
17) 2-Methylphenol	6.97	107	262474	39.665	ng		96
18) Hexachloroethane	7.22	117	131380	39.311	ng		96
19) n-Nitroso-di-n-propylamine	7.13	70	245861	39.984	ng		97
20) 3+4-Methylphenols	7.12	107	318252	39.835	ng	#	55
22) Acetophenone	7.12	105	438013	38.586	ng	#	91
24) Nitrobenzene	7.29	77	340893	38.547	ng		96
25) Isophorone	7.53	82	584519	39.027	ng		97
26) 2-Nitrophenol	7.61	139	131169	37.505	ng		97
27) 2,4-Dimethylphenol	7.65	122	259994	39.839	ng		99
28) bis(2-Chloroethoxy)methane	7.75	93	388483	39.183	ng		99
29) 2,4-Dichlorophenol	7.85	162	278097	40.558	ng		99
30) 1,2,4-Trichlorobenzene	7.93	180	299531	39.094	ng		97
31) Naphthalene	8.02	128	895111	39.013	ng		99
32) Benzoic acid	7.78	122	150118m	35.854	ng		
33) 4-Chloroaniline	8.06	127	399935	39.901	ng		99
34) Hexachlorobutadiene	8.14	225	185878	40.243	ng		98
35) Caprolactam	8.44	113	91069	41.601	ng		88
36) 4-Chloro-3-methylphenol	8.55	107	293004	40.609	ng		98
37) 2-Methylnaphthalene	8.70	142	583634	39.459	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	302060	39.783	ng		98
40) Hexachlorocyclopentadiene	8.86	237	118226	35.699	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	197828	40.596	ng		100
43) 2,4,5-Trichlorophenol	9.02	196	209112	40.631	ng		97
45) 1,1'-Biphenyl	9.17	154	750550	38.612	ng		99
46) 2-Chloronaphthalene	9.19	162	607106	39.095	ng		98
47) 2-Nitroaniline	9.28	65	169790	38.565	ng		89
48) Acenaphthylene	9.60	152	914344	39.030	ng		100
49) Dimethylphthalate	9.47	163	685820	39.523	ng		99
50) 2,6-Dinitrotoluene	9.53	165	136919	39.840	ng		90
51) Acenaphthene	9.77	154	561287	39.629	ng		98
52) 3-Nitroaniline	9.69	138	168116	42.241	ng		92
53) 2,4-Dinitrophenol	9.80	184	32994	32.698	ng	#	20
54) Dibenzofuran	9.95	168	835024	39.643	ng		98
55) 4-Nitrophenol	9.86	139	115365	38.479	ng		96
56) 2,4-Dinitrotoluene	9.93	165	178732	41.103	ng	#	88
57) Fluorene	10.29	166	587012	39.059	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.07	232	170844	41.925	ng	#	90
59) Diethylphthalate	10.17	149	687554	39.128	ng		96
60) 4-Chlorophenyl-phenylether	10.28	204	309940	39.484	ng		96
61) 4-Nitroaniline	10.30	138	162813	41.947	ng		95
62) Azobenzene	10.44	77	699413	38.310	ng		97
64) 4,6-Dinitro-2-methylphenol	10.34	198	64791	36.343	ng		89
65) n-Nitrosodiphenylamine	10.40	169	611137	39.433	ng		97
66) 4-Bromophenyl-phenylether	10.77	248	209826	40.282	ng	#	87
67) Hexachlorobenzene	10.84	284	223927	40.478	ng	#	88
68) Atrazine	10.93	200	196806	41.290	ng		98
69) Pentachlorophenol	11.03	266	135981	41.069	ng		98
70) Phenanthrene	11.25	178	912675	38.969	ng		99
71) Anthracene	11.29	178	928446	39.085	ng		100
72) Carbazole	11.45	167	910738	38.534	ng		100
73) Di-n-butylphthalate	11.79	149	1069412	39.304	ng		99
74) Fluoranthene	12.42	202	966503	38.615	ng		98
76) Benzidine	12.55	184	428563	35.708	ng		99
77) Pyrene	12.65	202	980139	41.084	ng		100
79) Butylbenzylphthalate	13.27	149	425983	41.970	ng		98
80) Benzo(a)anthracene	13.83	228	769446	38.375	ng		99
81) 3,3'-Dichlorobenzidine	13.80	252	299266	39.274	ng		97
82) Chrysene	13.87	228	767791	38.635	ng		100
83) Bis(2-ethylhexyl)phthalate	13.84	149	502655	39.268	ng		100
84) Di-n-octyl phthalate	14.44	149	856594	39.138	ng		98
85) Indeno(1,2,3-cd)pyrene	16.59	276	598523	37.156	ng	#	93
87) Benzo(b)fluoranthene	14.84	252	693509	42.854	ng		97
88) Benzo(k)fluoranthene	14.87	252	579339	37.726	ng		98
89) Benzo(a)pyrene	15.19	252	578050	39.640	ng		97
90) Dibenzo(a,h)anthracene	16.60	278	500151	41.807	ng	#	96
91) Benzo(g,h,i)perylene	16.99	276	503491	42.823	ng	#	92

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

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