Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100418\
Data File : BF109582.D
Acq On : 4 Oct 2018 13:15
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil

Quant Time: Oct 04 14:38:07 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

10/5/2018 11:56:22 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	91926	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	381070	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	183981	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	358188	20.00	ng		0.00
75) Chrysene-d12	13.84	240	255972	20.00	ng		0.00
86) Perylene-d12	15.24	264	219231	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	438184	78.51	ng		0.00
7) Phenol-d6	6.35	99	565502	79.40	ng		0.00
23) Nitrobenzene-d5	7.27	82	536688	83.14	ng		-0.01
41) 2,4,6-Tribromophenol	10.52	330	156477	86.28	ng		-0.01
44) 2-Fluorobiphenyl	9.06	172	998345	81.84	ng		-0.01
78) Terphenyl-d14	12.79	244	842915	80.82	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	98497	38.319	ng		91
3) Pyridine	3.08	79	229656	34.714	ng		92
4) n-Nitrosodimethylamine	3.02	42	90488m	32.140	ng		
6) Aniline	6.37	93	345696	37.940	ng	#	65
8) 2-Chlorophenol	6.49	128	253669	40.872	ng		96
9) Benzaldehyde	6.25	77	163653	35.771	ng		99
10) Phenol	6.36	94	308796	38.288	ng	#	66
11) bis(2-Chloroethyl)ether	6.45	93	263219m	41.709	ng		
12) 1,3-Dichlorobenzene	6.65	146	282447	39.526	ng		99
13) 1,4-Dichlorobenzene	6.72	146	301646	41.901	ng		99
14) 1,2-Dichlorobenzene	6.87	146	263402	39.663	ng		99
15) Benzyl Alcohol	6.85	79	208063	38.167	ng		94
16) 2,2'-oxybis(1-Chloropropan	6.99	45	327724	36.610	ng		81
17) 2-Methylphenol	6.97	107	198136	39.455	ng	#	93
18) Hexachloroethane	7.22	117	106305	41.913	ng		98
19) n-Nitroso-di-n-propylamine	7.12	70	177886	38.119	ng		97
20) 3+4-Methylphenols	7.12	107	245156	40.434	ng	#	64
22) Acetophenone	7.12	105	344176	39.065	ng		97
24) Nitrobenzene	7.29	77	276441	40.275	ng		95
25) Isophorone	7.53	82	430211	37.009	ng		97
26) 2-Nitrophenol	7.60	139	133277	49.100	ng		94
27) 2,4-Dimethylphenol	7.65	122	190082	37.528	ng		99
28) bis(2-Chloroethoxy)methane	7.74	93	295233	38.367	ng		99
29) 2,4-Dichlorophenol	7.85	162	218117	40.986	ng		98
30) 1,2,4-Trichlorobenzene	7.93	180	234841	39.492	ng		96
31) Naphthalene	8.01	128	680617	38.221	ng		99
32) Benzoic acid	7.79	122	115942	35.712	ng		95
33) 4-Chloroaniline	8.06	127	308026	39.596	ng		97
34) Hexachlorobutadiene	8.13	225	143462	40.019	ng		97
35) Caprolactam	8.44	113	64458	37.938	ng	#	76
36) 4-Chloro-3-methylphenol	8.55	107	228295	40.768	ng		98
37) 2-Methylnaphthalene	8.70	142	444704	38.739	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	237271	40.523	ng		98
40) Hexachlorocyclopentadiene	8.86	237	82304	32.227	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	144498	38.451	ng		98
43) 2,4,5-Trichlorophenol	9.02	196	169436	42.691	ng		96
45) 1,1'-Biphenyl	9.16	154	590148	39.369	ng		97
46) 2-Chloronaphthalene	9.19	162	471666	39.387	ng		99
47) 2-Nitroaniline	9.29	65	144668	42.609	ng		99
48) Acenaphthylene	9.60	152	698508	38.665	ng		100
49) Dimethylphthalate	9.46	163	523595	39.128	ng		99
50) 2,6-Dinitrotoluene	9.53	165	115475	43.571	ng		97
51) Acenaphthene	9.77	154	397161	36.362	ng		98
52) 3-Nitroaniline	9.70	138	133965	43.648	ng		96
53) 2,4-Dinitrophenol	9.80	184	34155	40.983	ng	#	31
54) Dibenzofuran	9.94	168	621690	38.273	ng		96
55) 4-Nitrophenol	9.86	139	78123	33.789	ng		89
56) 2,4-Dinitrotoluene	9.93	165	149436	44.563	ng	#	93
57) Fluorene	10.28	166	456440	39.383	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	135296	43.053	ng	#	87
59) Diethylphthalate	10.16	149	514611	37.976	ng		97
60) 4-Chlorophenyl-phenylether	10.27	204	239163	39.508	ng		97
61) 4-Nitroaniline	10.31	138	134200	44.835	ng		97
62) Azobenzene	10.43	77	520460	36.967	ng		97
64) 4,6-Dinitro-2-methylphenol	10.34	198	63170	44.598	ng		96
65) n-Nitrosodiphenylamine	10.40	169	462072	39.045	ng		94
66) 4-Bromophenyl-phenylether	10.76	248	157158	39.511	ng	#	88
67) Hexachlorobenzene	10.83	284	166422	39.396	ng	#	91
68) Atrazine	10.92	200	135043	37.103	ng		97
69) Pentachlorophenol	11.03	266	97686	38.636	ng		98
70) Phenanthrene	11.24	178	681241	38.092	ng		99
71) Anthracene	11.29	178	711801	39.241	ng		100
72) Carbazole	11.45	167	689043	38.179	ng		100
73) Di-n-butylphthalate	11.78	149	807845	38.882	ng		100
74) Fluoranthene	12.42	202	715776	37.451	ng		97
76) Benzidine	12.54	184	351546	38.091	ng		99
77) Pyrene	12.65	202	737797	40.218	ng		99
79) Butylbenzylphthalate	13.27	149	326617	41.848	ng		98
80) Benzo(a)anthracene	13.83	228	547317	35.499	ng		98
81) 3,3'-Dichlorobenzidine	13.80	252	230277	39.300	ng	#	97
82) Chrysene	13.87	228	574998	37.627	ng		99
83) Bis(2-ethylhexyl)phthalate	13.83	149	397984	40.433	ng		98
84) Di-n-octyl phthalate	14.43	149	645735	38.369	ng		98
85) Indeno(1,2,3-cd)pyrene	16.60	276	461307	37.242	ng	#	92
87) Benzo(b)fluoranthene	14.84	252	485351	40.290	ng		98
88) Benzo(k)fluoranthene	14.87	252	429379m	37.562	ng		
89) Benzo(a)pyrene	15.19	252	422821	38.952	ng		98
90) Dibenzo(a,h)anthracene	16.61	278	380727	42.753	ng	#	95
91) Benzo(g,h,i)perylene	17.00	276	388515	44.390	ng	#	91

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

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