Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101018\
Data File : BF109764.D
Acq On : 11 Oct 2018 1:55
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
10/11/2018 2:03:16 PM

Quant Time: Oct 11 07:16:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 08 16:02:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	80308	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	333981	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	149408	20.00	ng		0.00
63) Phenanthrene-d10	11.20	188	251041	20.00	ng		0.00
75) Chrysene-d12	13.83	240	207079	20.00	ng		0.00
86) Perylene-d12	15.23	264	210191	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	380152	84.02	ng		0.00
7) Phenol-d6	6.35	99	491854	81.38	ng		0.00
23) Nitrobenzene-d5	7.26	82	504039	83.19	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	118166	72.59	ng		0.00
44) 2-Fluorobiphenyl	9.05	172	893162	82.33	ng		0.00
78) Terphenyl-d14	12.78	244	730046	68.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	99627	41.958	ng		97
3) Pyridine	3.05	79	188888	38.558	ng		97
4) n-Nitrosodimethylamine	2.99	42	68625	38.811	ng		98
6) Aniline	6.36	93	283586	40.279	ng		98
8) 2-Chlorophenol	6.49	128	235589	42.340	ng		97
9) Benzaldehyde	6.25	77	161538	41.534	ng		99
10) Phenol	6.37	94	262763	37.914	ng		90
11) bis(2-Chloroethyl)ether	6.43	93	197979m	34.457	ng		
12) 1,3-Dichlorobenzene	6.64	146	253864	39.890	ng		98
13) 1,4-Dichlorobenzene	6.72	146	279306	40.261	ng		99
14) 1,2-Dichlorobenzene	6.87	146	240697	39.507	ng		99
15) Benzyl Alcohol	6.85	79	185511	41.402	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.98	45	297226	39.013	ng		95
17) 2-Methylphenol	6.97	107	171185	38.904	ng		96
18) Hexachloroethane	7.20	117	98222	40.056	ng		94
19) n-Nitroso-di-n-propylamine	7.12	70	166699	39.330	ng		98
20) 3+4-Methylphenols	7.12	107	210360	38.797	ng		92
22) Acetophenone	7.11	105	325655	40.322	ng	#	99
24) Nitrobenzene	7.28	77	253934	40.278	ng		97
25) Isophorone	7.52	82	390841	38.847	ng		99
26) 2-Nitrophenol	7.60	139	119563	40.545	ng		98
27) 2,4-Dimethylphenol	7.65	122	165039	38.756	ng		99
28) bis(2-Chloroethoxy)methane	7.73	93	266630	39.180	ng		99
29) 2,4-Dichlorophenol	7.85	162	190661	39.916	ng		97
30) 1,2,4-Trichlorobenzene	7.92	180	209391	39.600	ng		99
31) Naphthalene	8.00	128	589001	38.134	ng		100
32) Benzoic acid	7.79	122	127655m	41.928	ng		
33) 4-Chloroaniline	8.06	127	270926	39.831	ng		99
34) Hexachlorobutadiene	8.12	225	133100	40.485	ng		99
35) Caprolactam	8.43	113	57482	40.297	ng		95
36) 4-Chloro-3-methylphenol	8.55	107	194628	38.601	ng		99
37) 2-Methylnaphthalene	8.69	142	393003	38.844	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	211237	41.534	ng		98
40) Hexachlorocyclopentadiene	8.85	237	21847	16.130	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	119891	39.434	ng	99
43) 2,4,5-Trichlorophenol	9.02	196	135373	38.725	ng	99
45) 1,1'-Biphenyl	9.15	154	551264	41.301	ng	100
46) 2-Chloronaphthalene	9.17	162	406281	40.629	ng	99
47) 2-Nitroaniline	9.28	65	123331	40.732	ng	95
48) Acenaphthylene	9.59	152	572760	39.289	ng	99
49) Dimethylphthalate	9.46	163	449641	41.034	ng	99
50) 2,6-Dinitrotoluene	9.52	165	94574	39.816	ng	93
51) Acenaphthene	9.76	154	330834	38.282	ng	100
52) 3-Nitroaniline	9.69	138	107856	40.508	ng	96
53) 2,4-Dinitrophenol	9.81	184	16943m	22.109	ng	
54) Dibenzofuran	9.93	168	497924	38.437	ng	99
55) 4-Nitrophenol	9.87	139	41256	28.308	ng	94
56) 2,4-Dinitrotoluene	9.92	165	116290	39.231	ng	98
57) Fluorene	10.27	166	365454	37.777	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	105454	37.110	ng	100
59) Diethylphthalate	10.15	149	443341	40.834	ng	100
60) 4-Chlorophenyl-phenylether	10.26	204	200076	39.203	ng	97
61) 4-Nitroaniline	10.30	138	97101	39.379	ng	97
62) Azobenzene	10.42	77	427326	38.759	ng	98
64) 4,6-Dinitro-2-methylphenol	10.33	198	32666	26.734	ng	90
65) n-Nitrosodiphenylamine	10.39	169	364771	42.862	ng	99
66) 4-Bromophenyl-phenylether	10.75	248	120968	41.937	ng	96
67) Hexachlorobenzene	10.82	284	122373	39.178	ng	95
68) Atrazine	10.91	200	113163	42.608	ng	99
69) Pentachlorophenol	11.02	266	61644	35.073	ng	98
70) Phenanthrene	11.23	178	484827	38.591	ng	99
71) Anthracene	11.28	178	528128	40.667	ng	99
72) Carbazole	11.44	167	490952	38.978	ng	100
73) Di-n-butylphthalate	11.77	149	610080	41.761	ng	99
74) Fluoranthene	12.41	202	489333	37.284	ng	99
76) Benzidine	12.54	184	276046	35.885	ng	97
77) Pyrene	12.63	202	500663	32.999	ng	98
79) Butylbenzylphthalate	13.26	149	239017	36.337	ng	97
80) Benzo(a)anthracene	13.82	228	446367	39.061	ng	100
81) 3,3'-Dichlorobenzidine	13.79	252	195986	42.593	ng	100
82) Chrysene	13.86	228	480000	39.989	ng	99
83) Bis(2-ethylhexyl)phthalate	13.82	149	318468	39.683	ng	98
84) Di-n-octyl phthalate	14.42	149	589285	46.455	ng	100
85) Indeno(1,2,3-cd)pyrene	16.58	276	385778	44.903	ng	99
87) Benzo(b)fluoranthene	14.83	252	458396	39.464	ng	99
88) Benzo(k)fluoranthene	14.86	252	431409	36.965	ng	99
89) Benzo(a)pyrene	15.17	252	409155	38.816	ng	97
90) Dibenzo(a,h)anthracene	16.59	278	327898	37.877	ng	98
91) Benzo(g,h,i)perylene	16.98	276	300467	34.757	ng	100

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

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