Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080316\
Data File : BF089575.D
Acq On : 4 Aug 2016 2:43
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
8/4/2016 6:12:02 PM

Quant Time: Aug 04 08:44:32 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 04 08:40:24 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	45461	20.00	ng	0.00
21) Naphthalene-d8	9.50	136	194612	20.00	ng	0.00
38) Acenaphthene-d10	12.32	164	89421	20.00	ng	0.00
63) Phenanthrene-d10	14.72	188	163655	20.00	ng	0.00
75) Chrysene-d12	18.41	240	93894	20.00	ng	0.00
86) Perylene-d12	20.07	264	75171	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	216175	80.05	ng	0.00
7) Phenol-d6	7.00	99	291107	79.59	ng	0.00
23) Nitrobenzene-d5	8.38	82	279174	79.36	ng	0.00
41) 2,4,6-Tribromophenol	13.61	330	57631	81.14	ng	0.00
44) 2-Fluorobiphenyl	11.28	172	534848	77.68	ng	0.00
78) Terphenyl-d14	17.07	244	382061	81.64	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	1.77	88	61836	39.80	ng	97
3) Pyridine	2.34	79	120808	39.37	ng	98
4) n-Nitrosodimethylamine	2.32	42	47346	38.83	ng	94
6) Aniline	6.96	93	196100	40.29	ng	99
8) 2-Chlorophenol	7.14	128	129984	39.58	ng	99
9) Benzaldehyde	6.78	77	57510	44.14	ng	99
10) Phenol	7.02	94	156960	41.44	ng	94
11) bis(2-Chloroethyl)ether	7.11	93	126906	38.12	ng	99
12) 1,3-Dichlorobenzene	7.37	146	138900	38.56	ng	99
13) 1,4-Dichlorobenzene	7.50	146	137563	38.24	ng	99
14) 1,2-Dichlorobenzene	7.72	146	142022	38.05	ng	99
15) Benzyl Alcohol	7.75	79	94859	39.70	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.95	45	156115	38.02	ng	95
17) 2-Methylphenol	7.96	107	93910	39.08	ng	98
18) Hexachloroethane	8.25	117	57609	38.14	ng	100
19) n-Nitroso-di-n-propylamine	8.18	70	101271	39.36	ng	98
20) 3+4-Methylphenols	8.23	107	121827	38.73	ng	100
22) Acetophenone	8.15	105	170838	36.98	ng	99
24) Nitrobenzene	8.41	77	140763	39.44	ng	98
25) Isophorone	8.81	82	257868	38.61	ng	100
26) 2-Nitrophenol	8.91	139	59715	39.15	ng	100
27) 2,4-Dimethylphenol	9.05	122	111847	40.93	ng	97
28) bis(2-Chloroethoxy)methane	9.19	93	161313	40.32	ng	99
29) 2,4-Dichlorophenol	9.32	162	99794	38.82	ng	99
30) 1,2,4-Trichlorobenzene	9.43	180	115023	39.15	ng	99
31) Naphthalene	9.53	128	399198	38.58	ng	100
32) Benzoic acid	9.38	122	69814	38.46	ng	97
33) 4-Chloroaniline	9.67	127	154849	38.74	ng	99
34) Hexachlorobutadiene	9.75	225	64293	37.72	ng	99
35) Caprolactam	10.31	113	30533	40.38	ng	99
36) 4-Chloro-3-methylphenol	10.51	107	123659	41.04	ng	88
37) 2-Methylnaphthalene	10.65	142	242523	38.34	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.92	216	129896	38.55	ng	100
40) Hexachlorocyclopentadiene	10.91	237	44754	40.99	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.14	196	67123	40.75	ng	99
43) 2,4,5-Trichlorophenol	11.22	196	70957	40.67	ng	99
45) 1,1'-Biphenyl	11.43	154	319611	39.58	ng	99
46) 2-Chloronaphthalene	11.44	162	238014	39.34	ng	100
47) 2-Nitroaniline	11.65	65	77152	40.20	ng	99
48) Acenaphthylene	12.09	152	382228	38.32	ng	100
49) Dimethylphthalate	11.98	163	264529	38.61	ng	100
50) 2,6-Dinitrotoluene	12.07	165	55505	40.49	ng	99
51) Acenaphthene	12.38	154	221613	38.32	ng	99
52) 3-Nitroaniline	12.33	138	63311	39.18	ng	99
53) 2,4-Dinitrophenol	12.54	184	17254	37.79	ng	97
54) Dibenzofuran	12.66	168	307135	39.03	ng	99
55) 4-Nitrophenol	12.71	139	34761m	39.70	ng	
56) 2,4-Dinitrotoluene	12.72	165	73979	40.16	ng	97
57) Fluorene	13.21	166	261299	39.03	ng	100
58) 2,3,4,6-Tetrachlorophenol	12.89	232	50170m	40.34	ng	
59) Diethylphthalate	13.12	149	264596	38.12	ng	99
60) 4-Chlorophenyl-phenylether	13.25	204	119229	39.63	ng	99
61) 4-Nitroaniline	13.33	138	58687	41.44	ng	98
62) Azobenzene	13.50	77	279989	39.33	ng	99
64) 4,6-Dinitro-2-methylphenol	13.38	198	36503	38.29	ng	98
65) n-Nitrosodiphenylamine	13.45	169	220406	39.52	ng	99
66) 4-Bromophenyl-phenylether	14.02	248	65225	40.80	ng	98
67) Hexachlorobenzene	14.09	284	67494	39.03	ng	97
68) Atrazine	14.37	200	58546	40.57	ng	98
69) Pentachlorophenol	14.45	266	29146	45.11	ng	98
70) Phenanthrene	14.75	178	341949	39.12	ng	100
71) Anthracene	14.83	178	361034	37.77	ng	100
72) Carbazole	15.12	167	306807	39.68	ng	99
73) Di-n-butylphthalate	15.71	149	384770	38.91	ng	99
74) Fluoranthene	16.51	202	342450	38.71	ng	99
76) Benzidine	16.75	184	113693	44.40	ng	98
77) Pyrene	16.81	202	333853	40.00	ng	99
79) Butylbenzylphthalate	17.74	149	125017	39.91	ng	96
80) Benzo(a)anthracene	18.40	228	212352	38.81	ng	100
81) 3,3'-Dichlorobenzidine	18.39	252	70787	41.28	ng	98
82) Chrysene	18.43	228	216776	38.43	ng	98
83) Bis(2-ethylhexyl)phthalate	18.49	149	171363	40.59	ng	99
84) Di-n-octyl phthalate	19.26	149	252081	39.39	ng	100
85) Indeno(1,2,3-cd)pyrene	21.26	276	195572	40.48	ng	100
87) Benzo(b)fluoranthene	19.66	252	185626	40.42	ng	99
88) Benzo(k)fluoranthene	19.69	252	168064m	37.26	ng	
89) Benzo(a)pyrene	20.01	252	164558	38.64	ng	98
90) Dibenzo(a,h)anthracene	21.27	278	170412	42.28	ng	98
91) Benzo(g,h,i)perylene	21.59	276	176471	41.78	ng	100

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

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