Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072716\
Data File : BF089322.D
Acq On : 27 Jul 2016 10:55
Operator : UM/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED
sohil
7/28/2016 4:55:15 PM

Quant Time: Jul 27 12:49:00 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 27 11:51:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	43068	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	186219	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	88858	20.00	ng	0.00
63) Phenanthrene-d10	11.05	188	165429	20.00	ng	0.00
75) Chrysene-d12	13.67	240	119871	20.00	ng	0.00
86) Perylene-d12	15.01	264	90612	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	212453	75.41	ng	0.00
7) Phenol-d6	6.20	99	285927	78.19	ng	0.00
23) Nitrobenzene-d5	7.12	82	255227	73.35	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	61717	77.06	ng	0.00
44) 2-Fluorobiphenyl	8.91	172	494383	77.63	ng	0.00
78) Terphenyl-d14	12.63	244	387124	70.27	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	1.95	88	43927	36.27	ng	100
3) Pyridine	2.57	79	108065	35.08	ng	100
4) n-Nitrosodimethylamine	2.54	42	37948	30.04	ng	100
6) Aniline	6.20	93	157382	32.65	ng	100
8) 2-Chlorophenol	6.33	128	123892	39.27	ng	100
9) Benzaldehyde	6.09	77	67585	35.16	ng	100
10) Phenol	6.22	94	163124	38.97	ng	100
11) bis(2-Chloroethyl)ether	6.30	93	127021	40.19	ng	100
12) 1,3-Dichlorobenzene	6.48	146	127141	36.70	ng	100
13) 1,4-Dichlorobenzene	6.56	146	139926	39.66	ng	100
14) 1,2-Dichlorobenzene	6.72	146	127244	38.86	ng	100
15) Benzyl Alcohol	6.71	79	87805	33.80	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.83	45	145295	40.18	ng	100
17) 2-Methylphenol	6.82	107	89584	36.62	ng	100
18) Hexachloroethane	7.05	117	51918	39.28	ng	100
19) n-Nitroso-di-n-propylamine	6.98	70	85913	36.60	ng	100
20) 3+4-Methylphenols	6.98	107	123986	37.35	ng	100
22) Acetophenone	6.97	105	177516	36.31	ng	100
24) Nitrobenzene	7.14	77	140888	38.53	ng	100
25) Isophorone	7.38	82	242648	37.78	ng	100
26) 2-Nitrophenol	7.46	139	61505	35.98	ng	100
27) 2,4-Dimethylphenol	7.51	122	102019	35.42	ng	100
28) bis(2-Chloroethoxy)methane	7.60	93	143368	36.36	ng	100
29) 2,4-Dichlorophenol	7.70	162	98807	37.98	ng	100
30) 1,2,4-Trichlorobenzene	7.78	180	106848	37.25	ng	100
31) Naphthalene	7.85	128	350257	35.16	ng	100
32) Benzoic acid	7.67	122	69018	32.29	ng	100
33) 4-Chloroaniline	7.92	127	134630	32.75	ng	100
34) Hexachlorobutadiene	7.98	225	61649	38.47	ng	100
35) Caprolactam	8.30	113	28152	35.24	ng	100
36) 4-Chloro-3-methylphenol	8.41	107	116666	37.21	ng	100
37) 2-Methylnaphthalene	8.55	142	211042	33.80	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	114721	35.03	ng	100
40) Hexachlorocyclopentadiene	8.70	237	27618	32.28	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	59645	33.30	ng	100
43) 2,4,5-Trichlorophenol	8.88	196	72728	39.67	ng	100
45) 1,1'-Biphenyl	9.00	154	276603	34.80	ng	100
46) 2-Chloronaphthalene	9.03	162	218655	36.21	ng	100
47) 2-Nitroaniline	9.14	65	65086	31.94	ng	100
48) Acenaphthylene	9.44	152	362025	37.89	ng	100
49) Dimethylphthalate	9.32	163	264587	39.16	ng	100
50) 2,6-Dinitrotoluene	9.38	165	59091	38.96	ng	100
51) Acenaphthene	9.61	154	207173	36.87	ng	100
52) 3-Nitroaniline	9.55	138	59407	33.69	ng	100
53) 2,4-Dinitrophenol	9.67	184	16191	27.80	ng	100
54) Dibenzofuran	9.78	168	278320	36.76	ng	100
55) 4-Nitrophenol	9.74	139	23562m	23.12	ng	
56) 2,4-Dinitrotoluene	9.78	165	74829	38.02	ng	100
57) Fluorene	10.12	166	240416	37.87	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.91	232	52229	39.55	ng	100
59) Diethylphthalate	10.01	149	251279	37.31	ng	100
60) 4-Chlorophenyl-phenylether	10.12	204	105535	35.97	ng	100
61) 4-Nitroaniline	10.16	138	61619	35.20	ng	100
62) Azobenzene	10.27	77	260715	35.67	ng	100
64) 4,6-Dinitro-2-methylphenol	10.19	198	37392	39.39	ng	100
65) n-Nitrosodiphenylamine	10.24	169	203572	36.87	ng	100
66) 4-Bromophenyl-phenylether	10.60	248	65483	39.94	ng	100
67) Hexachlorobenzene	10.66	284	60384	34.69	ng	100
68) Atrazine	10.78	200	66274	38.52	ng	100
69) Pentachlorophenol	10.87	266	25966	33.31	ng	100
70) Phenanthrene	11.07	178	347985	38.15	ng	100
71) Anthracene	11.12	178	360632	38.50	ng	100
72) Carbazole	11.29	167	303742	37.35	ng	100
73) Di-n-butylphthalate	11.62	149	400124	38.67	ng	100
74) Fluoranthene	12.25	202	365003	37.98	ng	100
76) Benzidine	12.39	184	172329	41.51	ng	100
77) Pyrene	12.47	202	341346	35.25	ng	100
79) Butylbenzylphthalate	13.11	149	171261	40.82	ng	100
80) Benzo(a)anthracene	13.66	228	270661	35.89	ng	100
81) 3,3'-Dichlorobenzidine	13.63	252	96459	38.95	ng	100
82) Chrysene	13.69	228	261488	36.59	ng	100
83) Bis(2-ethylhexyl)phthalate	13.67	149	225393	40.24	ng	100
84) Di-n-octyl phthalate	14.27	149	350361	38.33	ng	100
85) Indeno(1,2,3-cd)pyrene	16.21	276	186749	35.83	ng	100
87) Benzo(b)fluoranthene	14.65	252	201036m	32.30	ng	
88) Benzo(k)fluoranthene	14.67	252	217295m	43.88	ng	
89) Benzo(a)pyrene	14.95	252	195848	38.44	ng	100
90) Dibenzo(a,h)anthracene	16.21	278	154711	38.51	ng	100
91) Benzo(g,h,i)perylene	16.55	276	153814	38.02	ng	100

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

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