Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031817\
Data File : BF093727.D
Acq On : 18 Mar 2017 1:59
Operator : SJ/MA
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
mohammad
3/20/2017 12:58:02 PM

Quant Time: Mar 18 04:37:57 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 18 04:23:44 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	205520	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	853723	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	384777	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	656807	20.00	ng	0.00
75) Chrysene-d12	14.00	240	437668	20.00	ng	0.00
86) Perylene-d12	15.41	264	404980	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	969114	78.86	ng	0.00
7) Phenol-d6	6.48	99	1250311	82.19	ng	0.00
23) Nitrobenzene-d5	7.41	82	1166653	90.20	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	240154	96.41	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1681078	85.02	ng	0.00
78) Terphenyl-d14	12.95	244	1618688	78.98	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.45	88	254183	40.06	ng	100
3) Pyridine	3.16	79	721243	42.61	ng	100
4) n-Nitrosodimethylamine	3.10	42	303526	39.45	ng	100
6) Aniline	6.50	93	853980	38.70	ng	100
8) 2-Chlorophenol	6.63	128	533313	38.83	ng	100
9) Benzaldehyde	6.39	77	351312	39.91	ng	100
10) Phenol	6.49	94	788268	45.04	ng	100
11) bis(2-Chloroethyl)ether	6.58	93	570819	39.98	ng	100
12) 1,3-Dichlorobenzene	6.79	146	614446	40.12	ng	100
13) 1,4-Dichlorobenzene	6.87	146	636363	40.76	ng	100
14) 1,2-Dichlorobenzene	7.02	146	530279	36.29	ng	100
15) Benzyl Alcohol	6.98	79	446771	38.96	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.13	45	840022	37.77	ng	100
17) 2-Methylphenol	7.10	107	467749	39.04	ng	100
18) Hexachloroethane	7.37	117	219941	40.11	ng	100
19) n-Nitroso-di-n-propylamine	7.27	70	396419	38.88	ng	100
20) 3+4-Methylphenols	7.26	107	526272	37.05	ng	100
22) Acetophenone	7.26	105	677296	37.48	ng	100
24) Nitrobenzene	7.43	77	592913	41.69	ng	100
25) Isophorone	7.67	82	1069851	38.75	ng	100
26) 2-Nitrophenol	7.75	139	279422	54.32	ng	100
27) 2,4-Dimethylphenol	7.78	122	511659	38.99	ng	100
28) bis(2-Chloroethoxy)methane	7.89	93	683301	39.10	ng	100
29) 2,4-Dichlorophenol	7.99	162	474283	41.59	ng	100
30) 1,2,4-Trichlorobenzene	8.08	180	482591	40.72	ng	100
31) Naphthalene	8.16	128	1671707	40.58	ng	100
32) Benzoic acid	7.90	122	310218	52.88	ng	100
33) 4-Chloroaniline	8.20	127	652040	37.46	ng	100
34) Hexachlorobutadiene	8.29	225	248555	39.82	ng	100
35) Caprolactam	8.57	113	160500	41.06	ng	100
36) 4-Chloro-3-methylphenol	8.69	107	490976	40.94	ng	100
37) 2-Methylnaphthalene	8.85	142	1055427	38.38	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	421526	44.57	ng	100
40) Hexachlorocyclopentadiene	9.01	237	202832	44.91	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	327828	49.85	ng	100
43) 2,4,5-Trichlorophenol	9.16	196	281454	41.26	ng	100
45) 1,1'-Biphenyl	9.32	154	1254648	44.85	ng	100
46) 2-Chloronaphthalene	9.34	162	964082	44.49	ng	100
47) 2-Nitroaniline	9.42	65	263458	43.93	ng	100
48) Acenaphthylene	9.75	152	1650924	45.94	ng	100
49) Dimethylphthalate	9.61	163	1044290	41.06	ng	100
50) 2,6-Dinitrotoluene	9.67	165	276195	50.24	ng	100
51) Acenaphthene	9.92	154	943315	44.60	ng	100
52) 3-Nitroaniline	9.83	138	268663	42.38	ng	100
53) 2,4-Dinitrophenol	9.93	184	83242	59.91	ng	100
54) Dibenzofuran	10.09	168	1336486	46.38	ng	100
55) 4-Nitrophenol	9.99	139	241851	54.70	ng	100
56) 2,4-Dinitrotoluene	10.07	165	369883	59.39	ng	100
57) Fluorene	10.44	166	1010885	45.96	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	232978	50.14	ng	100
59) Diethylphthalate	10.31	149	1046578	43.27	ng	100
60) 4-Chlorophenyl-phenylether	10.42	204	391660	42.73	ng	100
61) 4-Nitroaniline	10.45	138	298275	52.67	ng	100
62) Azobenzene	10.58	77	1003652	40.96	ng	100
64) 4,6-Dinitro-2-methylphenol	10.47	198	123108	43.50	ng	100
65) n-Nitrosodiphenylamine	10.54	169	896005	41.77	ng	100
66) 4-Bromophenyl-phenylether	10.92	248	265714	41.62	ng	100
67) Hexachlorobenzene	10.98	284	282537	43.15	ng	100
68) Atrazine	11.08	200	298932	44.85	ng	100
69) Pentachlorophenol	11.17	266	164080	46.27	ng	100
70) Phenanthrene	11.38	178	1432951	38.48	ng	100
71) Anthracene	11.44	178	1528311	43.00	ng	100
72) Carbazole	11.59	167	1399708	36.32	ng	100
73) Di-n-butylphthalate	11.93	149	1547558	39.88	ng	100
74) Fluoranthene	12.57	202	1519978	39.63	ng	100
76) Benzidine	12.69	184	704785	38.62	ng	100
77) Pyrene	12.80	202	1638525	44.66	ng	100
79) Butylbenzylphthalate	13.43	149	692357	44.95	ng	100
80) Benzo(a)anthracene	13.98	228	1154624	41.34	ng	100
81) 3,3'-Dichlorobenzidine	13.95	252	406368	40.57	ng	100
82) Chrysene	14.03	228	1217320	44.50	ng	100
83) Bis(2-ethylhexyl)phthalate	13.99	149	751596	41.93	ng	100
84) Di-n-octyl phthalate	14.60	149	1428993	42.54	ng	100
85) Indeno(1,2,3-cd)pyrene	16.78	276	918476	37.89	ng	100
87) Benzo(b)fluoranthene	15.01	252	1042687	37.94	ng	100
88) Benzo(k)fluoranthene	15.03	252	941741m	45.92	ng	
89) Benzo(a)pyrene	15.35	252	931667	40.37	ng	100
90) Dibenzo(a,h)anthracene	16.80	278	771830	38.98	ng	100
91) Benzo(g,h,i)perylene	17.19	276	787311	39.01	ng	100

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

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