Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085177.D
Acq On : 4 Mar 2016 00:58
Operator : SJ/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
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3/4/2016 4:28:54 PM

Quant Time: Mar 04 03:13:57 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	238250	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	936495	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	441416	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	834200	20.00	ng		0.00
75) Chrysene-d12	14.15	240	521479	20.00	ng		0.00
86) Perylene-d12	15.61	264	426059	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	1021277	71.90	ng		0.00
7) Phenol-d6	6.61	99	1375367	73.91	ng		0.00
23) Nitrobenzene-d5	7.54	82	1404673	80.26	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	313179	82.92	ng		0.00
44) 2-Fluorobiphenyl	9.35	172	2177867	75.03	ng		0.00
78) Terphenyl-d14	13.09	244	1767018	78.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	274111	37.74	ng		100
3) Pyridine	3.43	79	752755	41.41	ng		97
4) n-Nitrosodimethylamine	3.38	42	295712	38.01	ng		100
6) Aniline	6.64	93	1030788	39.52	ng		100
8) 2-Chlorophenol	6.77	128	677779	39.64	ng		97
9) Benzaldehyde	6.53	77	332204	37.29	ng		99
10) Phenol	6.62	94	751538m	37.71	ng		
11) bis(2-Chloroethyl)ether	6.72	93	678205	40.97	ng		97
12) 1,3-Dichlorobenzene	6.93	146	717545	39.08	ng		100
13) 1,4-Dichlorobenzene	7.00	146	671153	36.48	ng		98
14) 1,2-Dichlorobenzene	7.16	146	674631	40.41	ng		99
15) Benzyl Alcohol	7.12	79	541344	39.63	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.26	45	892995	37.42	ng		100
17) 2-Methylphenol	7.22	107	565396	40.52	ng		97
18) Hexachloroethane	7.50	117	272982	40.22	ng		97
19) n-Nitroso-di-n-propylamine	7.40	70	460775	37.99	ng	#	87
20) 3+4-Methylphenols	7.38	107	597169	36.13	ng		99
22) Acetophenone	7.40	105	923510	40.40	ng		98
24) Nitrobenzene	7.57	77	721604	40.59	ng		98
25) Isophorone	7.81	82	1309623	40.38	ng		99
26) 2-Nitrophenol	7.89	139	357326	41.30	ng		98
27) 2,4-Dimethylphenol	7.92	122	642195	40.62	ng		99
28) bis(2-Chloroethoxy)methane	8.01	93	719245	39.82	ng		100
29) 2,4-Dichlorophenol	8.12	162	512801	40.22	ng		88
30) 1,2,4-Trichlorobenzene	8.21	180	544125	39.47	ng		99
31) Naphthalene	8.29	128	1689062	36.68	ng		99
32) Benzoic acid	8.05	122	377601	35.96	ng		99
33) 4-Chloroaniline	8.33	127	706501	37.93	ng		99
34) Hexachlorobutadiene	8.41	225	296227	41.30	ng		99
35) Caprolactam	8.72	113	187764m	45.09	ng		
36) 4-Chloro-3-methylphenol	8.81	107	579780	40.08	ng		99
37) 2-Methylnaphthalene	8.98	142	1186811	40.16	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	467177	37.01	ng		99
40) Hexachlorocyclopentadiene	9.13	237	273159	40.12	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	383733	40.84	ng	99
43) 2,4,5-Trichlorophenol	9.29	196	370246	41.55	ng	99
45) 1,1'-Biphenyl	9.44	154	1318523	34.96	ng	100
46) 2-Chloronaphthalene	9.48	162	1121513	39.01	ng	99
47) 2-Nitroaniline	9.56	65	349475	39.23	ng	99
48) Acenaphthylene	9.89	152	1737282	38.83	ng	99
49) Dimethylphthalate	9.75	163	1386279	40.92	ng	100
50) 2,6-Dinitrotoluene	9.81	165	308969	42.63	ng	97
51) Acenaphthene	10.06	154	1019344	37.52	ng	100
52) 3-Nitroaniline	9.98	138	383782	44.26	ng	99
53) 2,4-Dinitrophenol	10.07	184	134001	40.80	ng	94
54) Dibenzofuran	10.23	168	1403735	39.44	ng	100
55) 4-Nitrophenol	10.13	139	296722	43.54	ng	97
56) 2,4-Dinitrotoluene	10.21	165	384466	41.45	ng	100
57) Fluorene	10.57	166	1121947	40.13	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.34	232	271685	43.40	ng	99
59) Diethylphthalate	10.45	149	1328394	40.40	ng	100
60) 4-Chlorophenyl-phenylether	10.56	204	515236	37.88	ng	100
61) 4-Nitroaniline	10.58	138	338337	41.71	ng	99
62) Azobenzene	10.72	77	1312825	40.53	ng	99
64) 4,6-Dinitro-2-methylphenol	10.62	198	234828	47.01	ng	97
65) n-Nitrosodiphenylamine	10.68	169	1000369	38.56	ng	100
66) 4-Bromophenyl-phenylether	11.05	248	333169	41.13	ng	100
67) Hexachlorobenzene	11.12	284	354865	41.07	ng	99
68) Atrazine	11.20	200	252163	34.95	ng	99
69) Pentachlorophenol	11.30	266	200420	41.78	ng	100
70) Phenanthrene	11.53	178	1557944	35.64	ng	100
71) Anthracene	11.59	178	1759418	37.91	ng	100
72) Carbazole	11.74	167	1584314	38.93	ng	100
73) Di-n-butylphthalate	12.06	149	1915925	37.24	ng	99
74) Fluoranthene	12.72	202	1729482	39.42	ng	100
76) Benzidine	12.84	184	708228	45.63	ng	100
77) Pyrene	12.95	202	1672778	42.62	ng	100
79) Butylbenzylphthalate	13.56	149	754142	42.35	ng	99
80) Benzo(a)anthracene	14.13	228	1247257	39.95	ng	99
81) 3,3'-Dichlorobenzidine	14.09	252	421574	42.81	ng	100
82) Chrysene	14.17	228	1234590	42.81	ng	100
83) Bis(2-ethylhexyl)phthalate	14.12	149	968288	41.32	ng	100
84) Di-n-octyl phthalate	14.73	149	1574554	44.11	ng	99
85) Indeno(1,2,3-cd)pyrene	17.10	276	1065601	47.35	ng	99
87) Benzo(b)fluoranthene	15.18	252	1190827	41.93	ng	100
88) Benzo(k)fluoranthene	15.21	252	787815m	34.39	ng	
89) Benzo(a)pyrene	15.56	252	955053	40.58	ng	100
90) Dibenzo(a,h)anthracene	17.11	278	883285	43.97	ng	100
91) Benzo(g,h,i)perylene	17.55	276	897446	44.43	ng	98

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

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