Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063016\
Data File : BF088540.D
Acq On : 30 Jun 2016 20:29
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED
SOHIL
7/1/2016 8:05:15 AM

Quant Time: Jul 01 01:57:17 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 30 18:01:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	122770	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	517799	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	229628	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	429151	20.00	ng		0.00
75) Chrysene-d12	13.95	240	301978	20.00	ng		0.00
86) Perylene-d12	15.35	264	287314	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	673185	82.18	ng		0.00
7) Phenol-d6	6.44	99	801987	75.77	ng		0.00
23) Nitrobenzene-d5	7.38	82	755366	76.45	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	179921	84.38	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	1050356	72.25	ng		0.00
78) Terphenyl-d14	12.91	244	1001845	73.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	158848	39.11	ng	#	34
3) Pyridine	3.08	79	457516	38.82	ng		95
4) n-Nitrosodimethylamine	3.04	42	176159	39.13	ng		90
6) Aniline	6.48	93	627600	40.69	ng		99
8) 2-Chlorophenol	6.59	128	328425	37.30	ng		93
9) Benzaldehyde	6.35	77	264342	36.87	ng		82
10) Phenol	6.46	94	477722	39.55	ng		88
11) bis(2-Chloroethyl)ether	6.56	93	346897	38.51	ng	#	80
12) 1,3-Dichlorobenzene	6.75	146	358098	36.96	ng		96
13) 1,4-Dichlorobenzene	6.83	146	377192	39.22	ng		98
14) 1,2-Dichlorobenzene	6.99	146	341453	37.94	ng		98
15) Benzyl Alcohol	6.96	79	310734	39.89	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.10	45	516941	39.62	ng		95
17) 2-Methylphenol	7.07	107	292858	40.77	ng		99
18) Hexachloroethane	7.34	117	147805	39.74	ng		97
19) n-Nitroso-di-n-propylamine	7.23	70	253204	35.61	ng		96
20) 3+4-Methylphenols	7.22	107	322022	37.36	ng	#	85
22) Acetophenone	7.23	105	496496	39.51	ng	#	97
24) Nitrobenzene	7.40	77	387458	38.89	ng		100
25) Isophorone	7.64	82	692781	37.85	ng		98
26) 2-Nitrophenol	7.71	139	150817	36.92	ng		94
27) 2,4-Dimethylphenol	7.76	122	342712	40.28	ng		94
28) bis(2-Chloroethoxy)methane	7.86	93	442350	37.14	ng		97
29) 2,4-Dichlorophenol	7.95	162	259447	37.73	ng		97
30) 1,2,4-Trichlorobenzene	8.04	180	302818	40.13	ng		100
31) Naphthalene	8.12	128	1030089	40.35	ng		99
32) Benzoic acid	7.88	122	255730	41.40	ng		97
33) 4-Chloroaniline	8.17	127	438867	38.64	ng		98
34) Hexachlorobutadiene	8.25	225	161347	39.93	ng		99
35) Caprolactam	8.55	113	97754	41.86	ng	#	73
36) 4-Chloro-3-methylphenol	8.65	107	314222	38.64	ng		95
37) 2-Methylnaphthalene	8.81	142	572933	34.86	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	312106	40.86	ng	#	1
40) Hexachlorocyclopentadiene	8.97	237	146551	39.09	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	186925	37.12	ng		95
43) 2,4,5-Trichlorophenol	9.12	196	181433	41.88	ng	#	79
45) 1,1'-Biphenyl	9.28	154	771839	40.59	ng		99
46) 2-Chloronaphthalene	9.30	162	615895	41.26	ng		98
47) 2-Nitroaniline	9.39	65	232670	43.92	ng		97
48) Acenaphthylene	9.71	152	930861	39.19	ng		99
49) Dimethylphthalate	9.58	163	619432	37.86	ng		99
50) 2,6-Dinitrotoluene	9.63	165	133954	36.94	ng	#	42
51) Acenaphthene	9.88	154	548584	37.68	ng		99
52) 3-Nitroaniline	9.80	138	204101	44.28	ng		99
53) 2,4-Dinitrophenol	9.91	184	64675	40.40	ng	#	68
54) Dibenzofuran	10.06	168	760324	39.90	ng	#	91
55) 4-Nitrophenol	9.95	139	147202	42.03	ng		99
56) 2,4-Dinitrotoluene	10.03	165	180815	38.14	ng	#	53
57) Fluorene	10.40	166	606359	41.29	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	140546	41.93	ng	#	50
59) Diethylphthalate	10.27	149	656418	39.98	ng		98
60) 4-Chlorophenyl-phenylether	10.39	204	250421	36.70	ng	#	87
61) 4-Nitroaniline	10.41	138	163936	36.96	ng		86
62) Azobenzene	10.55	77	705386	37.67	ng		92
64) 4,6-Dinitro-2-methylphenol	10.44	198	101625	44.27	ng	#	59
65) n-Nitrosodiphenylamine	10.51	169	580242	39.95	ng		100
66) 4-Bromophenyl-phenylether	10.88	248	160550	37.12	ng	#	83
67) Hexachlorobenzene	10.95	284	190609	39.82	ng	#	75
68) Atrazine	11.04	200	177888	39.30	ng		94
69) Pentachlorophenol	11.13	266	115327	40.71	ng		97
70) Phenanthrene	11.35	178	871006	37.13	ng		100
71) Anthracene	11.40	178	904456	38.77	ng		100
72) Carbazole	11.55	167	761040	34.66	ng		100
73) Di-n-butylphthalate	11.90	149	909183	35.60	ng		99
74) Fluoranthene	12.54	202	990170	41.63	ng		98
76) Benzidine	12.66	184	616800	40.41	ng		98
77) Pyrene	12.77	202	1016022	39.68	ng		99
79) Butylbenzylphthalate	13.39	149	430003	37.65	ng		97
80) Benzo(a)anthracene	13.94	228	748464	38.49	ng		100
81) 3,3'-Dichlorobenzidine	13.91	252	276107	37.77	ng	#	94
82) Chrysene	13.99	228	760961	39.55	ng		98
83) Bis(2-ethylhexyl)phthalate	13.95	149	506102	38.81	ng		99
84) Di-n-octyl phthalate	14.56	149	893888	40.35	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.70	276	549784	37.15	ng	#	100
87) Benzo(b)fluoranthene	14.96	252	658014	36.51	ng	#	97
88) Benzo(k)fluoranthene	14.98	252	630907m	40.21	ng		
89) Benzo(a)pyrene	15.30	252	600524	39.35	ng	#	93
90) Dibenzo(a,h)anthracene	16.72	278	474219	37.22	ng		98
91) Benzo(g,h,i)perylene	17.11	276	484922	36.77	ng		99

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

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