Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
Data File : BF088367.D
Acq On : 25 Jun 2016 10:29
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jun 26 02:07:13 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 14:55:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	99455	20.00	ng		-0.05
21) Naphthalene-d8	7.85	136	412802	20.00	ng		-0.05
38) Acenaphthene-d10	9.60	164	192622	20.00	ng		-0.05
63) Phenanthrene-d10	11.07	188	357891	20.00	ng		-0.05
75) Chrysene-d12	13.70	240	258364	20.00	ng		-0.05
86) Perylene-d12	15.05	264	206018	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	447678	76.95	ng		-0.03
7) Phenol-d6	6.24	99	522576	74.12	ng		-0.02
23) Nitrobenzene-d5	7.14	82	523155	74.00	ng		-0.03
41) 2,4,6-Tribromophenol	10.39	330	139499	68.59	ng		-0.05
44) 2-Fluorobiphenyl	8.94	172	1023225	83.34	ng		-0.03
78) Terphenyl-d14	12.65	244	844673	74.39	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	1.95	88	113958	40.31	ng	#	46
3) Pyridine	2.59	79	261604	39.19	ng		90
4) n-Nitrosodimethylamine	2.56	42	92768	32.82	ng		79
6) Aniline	6.23	93	330246	32.91	ng		93
8) 2-Chlorophenol	6.35	128	277425	40.29	ng		88
9) Benzaldehyde	6.11	77	169329	38.19	ng		99
10) Phenol	6.25	94	349226	48.15	ng		92
11) bis(2-Chloroethyl)ether	6.31	93	270026	43.68	ng		89
12) 1,3-Dichlorobenzene	6.50	146	286144m	38.73	ng		
13) 1,4-Dichlorobenzene	6.58	146	305891m	41.10	ng		
14) 1,2-Dichlorobenzene	6.73	146	262589m	38.80	ng		
15) Benzyl Alcohol	6.73	79	196976	35.71	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.86	45	250924	30.04	ng	#	1
17) 2-Methylphenol	6.86	107	200739	35.95	ng	#	89
18) Hexachloroethane	7.06	117	103709	39.27	ng	#	82
19) n-Nitroso-di-n-propylamine	7.00	70	188864	41.87	ng	#	84
20) 3+4-Methylphenols	7.02	107	261164	40.08	ng	#	80
22) Acetophenone	6.99	105	379292	41.12	ng	#	97
24) Nitrobenzene	7.16	77	279083	40.76	ng		97
25) Isophorone	7.40	82	506709	38.70	ng		99
26) 2-Nitrophenol	7.47	139	150638	41.07	ng		97
27) 2,4-Dimethylphenol	7.54	122	232181	34.38	ng		99
28) bis(2-Chloroethoxy)methane	7.62	93	330613	40.71	ng	#	97
29) 2,4-Dichlorophenol	7.74	162	226567	40.18	ng		92
30) 1,2,4-Trichlorobenzene	7.79	180	228759	37.26	ng		98
31) Naphthalene	7.87	128	770323	37.71	ng		99
32) Benzoic acid	7.71	122	126241m	33.95	ng		
33) 4-Chloroaniline	7.94	127	344986	37.82	ng	#	94
34) Hexachlorobutadiene	7.99	225	115914	35.80	ng		98
35) Caprolactam	8.33	113	70926m	37.97	ng		
36) 4-Chloro-3-methylphenol	8.44	107	244145	40.48	ng		98
37) 2-Methylnaphthalene	8.56	142	486027	36.10	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	8.73	216	218735	42.97	ng	#	1
40) Hexachlorocyclopentadiene	8.72	237	132477	42.64	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	135098	35.07	ng		99
43) 2,4,5-Trichlorophenol	8.90	196	147191	36.73	ng	#	91
45) 1,1'-Biphenyl	9.03	154	613339	42.01	ng		98
46) 2-Chloronaphthalene	9.05	162	488130	39.16	ng		100
47) 2-Nitroaniline	9.16	65	145020	39.44	ng	#	76
48) Acenaphthylene	9.46	152	764874	38.58	ng		99
49) Dimethylphthalate	9.35	163	593883	42.56	ng		99
50) 2,6-Dinitrotoluene	9.40	165	120606	37.74	ng	#	62
51) Acenaphthene	9.63	154	457178	36.96	ng		99
52) 3-Nitroaniline	9.58	138	141435	38.36	ng		95
53) 2,4-Dinitrophenol	9.70	184	68811	44.91	ng	#	86
54) Dibenzofuran	9.80	168	661403	38.83	ng	#	90
55) 4-Nitrophenol	9.79	139	129758m	45.34	ng		
56) 2,4-Dinitrotoluene	9.82	165	169366	41.24	ng		92
57) Fluorene	10.15	166	509760	44.20	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.93	232	121775	38.67	ng	#	57
59) Diethylphthalate	10.03	149	513679	36.37	ng		98
60) 4-Chlorophenyl-phenylether	10.14	204	202442	35.74	ng		90
61) 4-Nitroaniline	10.19	138	143209	40.95	ng		97
62) Azobenzene	10.30	77	542730	38.86	ng		96
64) 4,6-Dinitro-2-methylphenol	10.23	198	82069	37.24	ng	#	66
65) n-Nitrosodiphenylamine	10.26	169	454917	38.31	ng		99
66) 4-Bromophenyl-phenylether	10.63	248	154933	40.35	ng		97
67) Hexachlorobenzene	10.69	284	144246	36.16	ng		98
68) Atrazine	10.80	200	128577	35.75	ng		92
69) Pentachlorophenol	10.89	266	88280	41.98	ng		97
70) Phenanthrene	11.10	178	733883	39.08	ng		99
71) Anthracene	11.15	178	808419	42.67	ng		99
72) Carbazole	11.31	167	747048	42.14	ng		100
73) Di-n-butylphthalate	11.65	149	881089	39.26	ng		100
74) Fluoranthene	12.27	202	729923	36.83	ng		99
76) Benzidine	12.41	184	227355	31.78	ng		98
77) Pyrene	12.50	202	765650	39.94	ng		99
79) Butylbenzylphthalate	13.13	149	402009	47.43	ng		97
80) Benzo(a)anthracene	13.69	228	538073	36.55	ng		100
81) 3,3'-Dichlorobenzidine	13.66	252	169135	42.72	ng	#	98
82) Chrysene	13.73	228	604983	43.68	ng		99
83) Bis(2-ethylhexyl)phthalate	13.69	149	442539	42.89	ng	#	100
84) Di-n-octyl phthalate	14.30	149	796787	47.52	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.29	276	494784	38.45	ng	#	100
87) Benzo(b)fluoranthene	14.69	252	467018m	32.52	ng		
88) Benzo(k)fluoranthene	14.71	252	497201m	45.90	ng		
89) Benzo(a)pyrene	14.99	252	452183	38.92	ng		99
90) Dibenzo(a,h)anthracene	16.29	278	409829	37.98	ng		98
91) Benzo(g,h,i)perylene	16.65	276	439973	39.64	ng		98

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

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