Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062216\
Data File : BF088293.D
Acq On : 23 Jun 2016 13:51
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
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6/23/2016 7:03:58 PM

Quant Time: Jun 23 15:32:27 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	6.60	152	85645	20.00	ng		0.00
21) Naphthalene-d8	7.90	136	346458	20.00	ng		0.00
38) Acenaphthene-d10	9.64	164	148660	20.00	ng		0.00
63) Phenanthrene-d10	11.12	188	231031	20.00	ng		0.00
75) Chrysene-d12	13.75	240	182976	20.00	ng		0.00
86) Perylene-d12	15.11	264	152586	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	411286	82.10	ng		0.01
7) Phenol-d6	6.27	99	434194	71.51	ng		0.01
23) Nitrobenzene-d5	7.19	82	461541	77.79	ng		0.01
41) 2,4,6-Tribromophenol	10.43	330	93945	59.85	ng		0.00
44) 2-Fluorobiphenyl	8.97	172	766346	80.70	ng		0.00
78) Terphenyl-d14	12.70	244	537029	66.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.01	88	97109	39.89	ng	#	42
3) Pyridine	2.67	79	253109	44.04	ng		92
4) n-Nitrosodimethylamine	2.63	42	91123	37.43	ng		79
6) Aniline	6.27	93	318446	36.85	ng		92
8) 2-Chlorophenol	6.40	128	245243	41.36	ng		85
9) Benzaldehyde	6.15	77	147600	39.12	ng		93
10) Phenol	6.28	94	258143	40.96	ng		80
11) bis(2-Chloroethyl)ether	6.35	93	231113	43.41	ng		84
12) 1,3-Dichlorobenzene	6.55	146	251124m	39.47	ng		
13) 1,4-Dichlorobenzene	6.63	146	251855	39.30	ng		95
14) 1,2-Dichlorobenzene	6.78	146	226574m	38.87	ng		
15) Benzyl Alcohol	6.78	79	174670	36.77	ng		94
16) 2,2'-oxybis(1-Chloropropan	6.90	45	236125	32.83	ng	#	31
17) 2-Methylphenol	6.90	107	175345	36.46	ng	#	86
18) Hexachloroethane	7.11	117	76125	33.47	ng	#	81
19) n-Nitroso-di-n-propylamine	7.04	70	139019	35.79	ng		90
20) 3+4-Methylphenols	7.05	107	253041	45.10	ng	#	76
22) Acetophenone	7.03	105	316143	40.83	ng	#	96
24) Nitrobenzene	7.20	77	210331	36.60	ng		87
25) Isophorone	7.45	82	418809	38.11	ng		95
26) 2-Nitrophenol	7.52	139	122860	39.91	ng	#	84
27) 2,4-Dimethylphenol	7.58	122	210296	37.10	ng		94
28) bis(2-Chloroethoxy)methane	7.66	93	254928	37.40	ng	#	96
29) 2,4-Dichlorophenol	7.77	162	191223	40.40	ng		97
30) 1,2,4-Trichlorobenzene	7.84	180	198335	38.49	ng		99
31) Naphthalene	7.92	128	665689	38.83	ng		99
32) Benzoic acid	7.74	122	104018	33.33	ng		93
33) 4-Chloroaniline	7.98	127	267107	34.89	ng		99
34) Hexachlorobutadiene	8.03	225	103076	37.93	ng		99
35) Caprolactam	8.38	113	63128	40.27	ng	#	62
36) 4-Chloro-3-methylphenol	8.48	107	182185	36.00	ng		94
37) 2-Methylnaphthalene	8.60	142	401433m	35.52	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	189682	51.56	ng	#	1
40) Hexachlorocyclopentadiene	8.75	237	9677	4.04	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	112969	38.00	ng		98
43) 2,4,5-Trichlorophenol	8.95	196	109633	35.45	ng		98
45) 1,1'-Biphenyl	9.07	154	523875	47.26	ng		97
46) 2-Chloronaphthalene	9.10	162	398749	41.45	ng		96
47) 2-Nitroaniline	9.20	65	101000	35.59	ng		94
48) Acenaphthylene	9.51	152	581138	37.98	ng		99
49) Dimethylphthalate	9.38	163	439821	40.84	ng		99
50) 2,6-Dinitrotoluene	9.45	165	105493	42.78	ng		96
51) Acenaphthene	9.68	154	354904	37.18	ng		99
52) 3-Nitroaniline	9.62	138	114891	40.37	ng	#	67
53) 2,4-Dinitrophenol	9.74	184	11062	12.76	ng		96
54) Dibenzofuran	9.85	168	493108	37.51	ng		95
55) 4-Nitrophenol	9.82	139	68047m	30.81	ng		
56) 2,4-Dinitrotoluene	9.85	165	110153	34.76	ng	#	62
57) Fluorene	10.19	166	376040	42.01	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.98	232	82719	34.03	ng	#	55
59) Diethylphthalate	10.08	149	460396	42.24	ng		99
60) 4-Chlorophenyl-phenylether	10.18	204	156727	35.85	ng		95
61) 4-Nitroaniline	10.23	138	98703	36.57	ng		97
62) Azobenzene	10.34	77	422300	39.18	ng		96
64) 4,6-Dinitro-2-methylphenol	10.26	198	15560	12.46	ng	#	78
65) n-Nitrosodiphenylamine	10.31	169	353560	46.12	ng		100
66) 4-Bromophenyl-phenylether	10.67	248	105328	42.50	ng	#	92
67) Hexachlorobenzene	10.73	284	101180	39.29	ng		97
68) Atrazine	10.84	200	96215	41.45	ng		95
69) Pentachlorophenol	10.94	266	56016	41.26	ng		96
70) Phenanthrene	11.14	178	490071	40.42	ng		99
71) Anthracene	11.20	178	511129	41.80	ng		98
72) Carbazole	11.36	167	475729	41.57	ng		99
73) Di-n-butylphthalate	11.69	149	610577	42.15	ng		100
74) Fluoranthene	12.32	202	487882	38.13	ng		96
76) Benzidine	12.46	184	220861	43.59	ng		99
77) Pyrene	12.55	202	458217	33.75	ng		99
79) Butylbenzylphthalate	13.18	149	241893	40.30	ng		91
80) Benzo(a)anthracene	13.74	228	391053	37.50	ng		99
81) 3,3'-Dichlorobenzidine	13.70	252	130615	46.58	ng	#	94
82) Chrysene	13.77	228	399317	40.71	ng		98
83) Bis(2-ethylhexyl)phthalate	13.74	149	293243	40.13	ng	#	98
84) Di-n-octyl phthalate	14.34	149	583150	49.11	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.38	276	313144	34.36	ng	#	100
87) Benzo(b)fluoranthene	14.74	252	377215m	35.47	ng		
88) Benzo(k)fluoranthene	14.77	252	354506m	44.19	ng		
89) Benzo(a)pyrene	15.06	252	346777	40.30	ng	#	94
90) Dibenzo(a,h)anthracene	16.38	278	268667	33.62	ng		97
91) Benzo(g,h,i)perylene	16.74	276	263549	32.06	ng		99

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

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