Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120516\
Data File : BF091418.D
Acq On : 5 Dec 2016 14:20
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
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12/6/2016 3:01:22 PM

Quant Time: Dec 06 00:20:09 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 06 00:16:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	173777	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	727802	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	391214	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	688328	20.00	ng		0.00
75) Chrysene-d12	14.00	240	472683	20.00	ng		0.00
86) Perylene-d12	15.43	264	405808	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	785779	73.87	ng		0.00
7) Phenol-d6	6.48	99	1017758	77.72	ng		0.00
23) Nitrobenzene-d5	7.42	82	1022999	78.77	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	285543	77.10	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	1665412	77.08	ng		0.00
78) Terphenyl-d14	12.96	244	1878774	86.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	175956	36.56	ng	#	85
3) Pyridine	3.16	79	531473	39.03	ng	#	81
4) n-Nitrosodimethylamine	3.11	42	286652	40.12	ng		98
6) Aniline	6.52	93	712630	40.97	ng	#	68
8) 2-Chlorophenol	6.63	128	445450	38.19	ng	#	82
9) Benzaldehyde	6.39	77	296046	35.16	ng		90
10) Phenol	6.49	94	582236	37.79	ng		99
11) bis(2-Chloroethyl)ether	6.58	93	413323	37.54	ng		95
12) 1,3-Dichlorobenzene	6.79	146	514715	39.67	ng		97
13) 1,4-Dichlorobenzene	6.87	146	548216	42.48	ng		99
14) 1,2-Dichlorobenzene	7.02	146	449056	37.36	ng		99
15) Benzyl Alcohol	7.00	79	468124	44.67	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.13	45	940721	39.74	ng		72
17) 2-Methylphenol	7.11	107	385011	41.76	ng	#	78
18) Hexachloroethane	7.36	117	180050	39.29	ng	#	81
19) n-Nitroso-di-n-propylamine	7.27	70	319946	38.78	ng	#	96
20) 3+4-Methylphenols	7.26	107	419876	37.31	ng	#	69
22) Acetophenone	7.27	105	667650	38.70	ng		97
24) Nitrobenzene	7.43	77	473303	35.60	ng		95
25) Isophorone	7.68	82	900897	39.16	ng		97
26) 2-Nitrophenol	7.75	139	241066	39.78	ng		96
27) 2,4-Dimethylphenol	7.80	122	439947	38.81	ng		93
28) bis(2-Chloroethoxy)methane	7.89	93	517713	37.38	ng		100
29) 2,4-Dichlorophenol	7.99	162	364320	36.54	ng		98
30) 1,2,4-Trichlorobenzene	8.08	180	451041	40.35	ng		96
31) Naphthalene	8.16	128	1414246	40.89	ng		100
32) Benzoic acid	7.92	122	345996	41.41	ng		94
33) 4-Chloroaniline	8.21	127	594761	40.22	ng		98
34) Hexachlorobutadiene	8.28	225	257257	37.42	ng		97
35) Caprolactam	8.58	113	119310	41.63	ng		95
36) 4-Chloro-3-methylphenol	8.69	107	408298	37.93	ng		97
37) 2-Methylnaphthalene	8.85	142	851719	36.24	ng		94
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	462989	41.98	ng	#	96
40) Hexachlorocyclopentadiene	9.01	237	232352	45.45	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	289567	40.40	ng		98
43) 2,4,5-Trichlorophenol	9.17	196	304622	42.41	ng		95
45) 1,1'-Biphenyl	9.32	154	1173005	41.70	ng		96
46) 2-Chloronaphthalene	9.34	162	865519	41.31	ng		97
47) 2-Nitroaniline	9.43	65	326083	43.34	ng	#	78
48) Acenaphthylene	9.75	152	1224738	37.14	ng		99
49) Dimethylphthalate	9.61	163	949579	40.09	ng		97
50) 2,6-Dinitrotoluene	9.67	165	216300	40.85	ng		89
51) Acenaphthene	9.92	154	844813	37.98	ng		96
52) 3-Nitroaniline	9.84	138	233665	38.13	ng		91
53) 2,4-Dinitrophenol	9.94	184	120815	52.18	ng		95
54) Dibenzofuran	10.09	168	1115316	37.45	ng		97
55) 4-Nitrophenol	10.00	139	207716	46.93	ng	#	71
56) 2,4-Dinitrotoluene	10.08	165	299058	43.54	ng	#	86
57) Fluorene	10.44	166	870114	38.05	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.21	232	241361	39.35	ng		96
59) Diethylphthalate	10.32	149	1011453	43.26	ng	#	92
60) 4-Chlorophenyl-phenylether	10.44	204	452062	39.42	ng		96
61) 4-Nitroaniline	10.46	138	264103	45.89	ng		98
62) Azobenzene	10.58	77	998669	41.86	ng		83
64) 4,6-Dinitro-2-methylphenol	10.48	198	159844	42.15	ng	#	75
65) n-Nitrosodiphenylamine	10.55	169	826657	39.61	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	287353	38.84	ng		98
67) Hexachlorobenzene	10.98	284	308782	38.62	ng	#	88
68) Atrazine	11.08	200	244091	36.11	ng		98
69) Pentachlorophenol	11.18	266	203642	43.27	ng		96
70) Phenanthrene	11.40	178	1343815	37.57	ng		100
71) Anthracene	11.45	178	1410385	39.73	ng		98
72) Carbazole	11.60	167	1325092	41.14	ng		98
73) Di-n-butylphthalate	11.93	149	1472018	40.32	ng		99
74) Fluoranthene	12.59	202	1491386	44.02	ng		97
76) Benzidine	12.70	184	584390	42.11	ng		99
77) Pyrene	12.81	202	1509672	42.09	ng		99
79) Butylbenzylphthalate	13.43	149	595251	44.31	ng		96
80) Benzo(a)anthracene	13.99	228	1116444	40.39	ng		100
81) 3,3'-Dichlorobenzidine	13.96	252	408019	41.90	ng	#	97
82) Chrysene	14.04	228	1152703	42.14	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	777886	45.69	ng		98
84) Di-n-octyl phthalate	14.61	149	1327966	51.54	ng		97
85) Indeno(1,2,3-cd)pyrene	16.83	276	962397	38.42	ng		95
87) Benzo(b)fluoranthene	15.02	252	958753	38.01	ng		98
88) Benzo(k)fluoranthene	15.05	252	978266m	46.12	ng		
89) Benzo(a)pyrene	15.37	252	919786	40.61	ng	#	94
90) Dibenzo(a,h)anthracene	16.85	278	822510	39.26	ng	#	92
91) Benzo(g,h,i)perylene	17.25	276	825727	38.22	ng		98

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

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