Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090716\
Data File : BF089999.D
Acq On : 7 Sep 2016 12:31
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
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9/8/2016 12:53:11 PM

Quant Time: Sep 08 10:23:12 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 13:29:08 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	219061	20.00	ng		-0.02
21) Naphthalene-d8	7.91	136	917149	20.00	ng		-0.02
38) Acenaphthene-d10	9.66	164	469995	20.00	ng		-0.01
63) Phenanthrene-d10	11.12	188	869556	20.00	ng		-0.02
75) Chrysene-d12	13.74	240	647543	20.00	ng		-0.02
86) Perylene-d12	15.07	264	571940	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	1080231	78.93	ng		-0.02
7) Phenol-d6	6.27	99	1278458	76.88	ng		-0.01
23) Nitrobenzene-d5	7.19	82	1162062	73.48	ng		-0.02
41) 2,4,6-Tribromophenol	10.43	330	353997	76.34	ng		-0.02
44) 2-Fluorobiphenyl	8.98	172	2152451	75.18	ng		-0.02
78) Terphenyl-d14	12.71	244	2071148	79.01	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.06	88	242500	37.40	ng		98
3) Pyridine	2.68	79	643683	37.21	ng		98
4) n-Nitrosodimethylamine	2.65	42	330353	38.72	ng		97
6) Aniline	6.28	93	843963	37.20	ng		87
8) 2-Chlorophenol	6.40	128	576226	38.81	ng		89
9) Benzaldehyde	6.16	77	408115	38.04	ng		97
10) Phenol	6.28	94	763559	39.49	ng		96
11) bis(2-Chloroethyl)ether	6.36	93	586185	40.06	ng		95
12) 1,3-Dichlorobenzene	6.56	146	674724	40.69	ng		97
13) 1,4-Dichlorobenzene	6.64	146	698867	41.19	ng		93
14) 1,2-Dichlorobenzene	6.79	146	596755	39.23	ng		98
15) Benzyl Alcohol	6.78	79	420810	40.39	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.91	45	1062233	38.07	ng		90
17) 2-Methylphenol	6.90	107	463623	39.10	ng	#	92
18) Hexachloroethane	7.13	117	229154	39.43	ng		98
19) n-Nitroso-di-n-propylamine	7.05	70	386534	35.67	ng		92
20) 3+4-Methylphenols	7.05	107	590275	41.07	ng	#	86
22) Acetophenone	7.04	105	758683	36.87	ng	#	93
24) Nitrobenzene	7.21	77	628950	37.41	ng		92
25) Isophorone	7.45	82	1164941	36.23	ng		98
26) 2-Nitrophenol	7.53	139	346091	43.06	ng	#	82
27) 2,4-Dimethylphenol	7.58	122	535990	36.05	ng		100
28) bis(2-Chloroethoxy)methane	7.68	93	749390	38.64	ng		98
29) 2,4-Dichlorophenol	7.77	162	517650	38.84	ng		97
30) 1,2,4-Trichlorobenzene	7.85	180	559882	38.42	ng		97
31) Naphthalene	7.93	128	1708537	37.39	ng		99
32) Benzoic acid	7.74	122	447411	44.68	ng		94
33) 4-Chloroaniline	7.99	127	749010	40.63	ng		97
34) Hexachlorobutadiene	8.06	225	344833	40.38	ng		97
35) Caprolactam	8.38	113	166881	39.67	ng	#	69
36) 4-Chloro-3-methylphenol	8.48	107	569008	40.31	ng		88
37) 2-Methylnaphthalene	8.62	142	1078833	35.73	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.79	216	570626	41.44	ng		98
40) Hexachlorocyclopentadiene	8.78	237	315038	44.63	ng		95

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Quant Time: Sep 08 10:23:12 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 13:29:08 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	400185	41.94	ng		99
43) 2,4,5-Trichlorophenol	8.94	196	383843	41.83	ng		98
45) 1,1'-Biphenyl	9.08	154	1407611	37.20	ng		97
46) 2-Chloronaphthalene	9.11	162	1100728	41.12	ng		96
47) 2-Nitroaniline	9.21	65	346407	39.59	ng	#	59
48) Acenaphthylene	9.52	152	1706477	38.55	ng		99
49) Dimethylphthalate	9.39	163	1206526	35.52	ng		100
50) 2,6-Dinitrotoluene	9.45	165	293293	38.82	ng		98
51) Acenaphthene	9.69	154	1147140	40.91	ng		99
52) 3-Nitroaniline	9.62	138	364124	42.26	ng	#	79
53) 2,4-Dinitrophenol	9.72	184	161752	42.32	ng	#	59
54) Dibenzofuran	9.86	168	1422862	37.86	ng		94
55) 4-Nitrophenol	9.79	139	282500	43.46	ng		87
56) 2,4-Dinitrotoluene	9.85	165	392161	40.93	ng		96
57) Fluorene	10.19	166	969179	35.29	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.98	232	319136	40.63	ng		97
59) Diethylphthalate	10.09	149	1228996	38.46	ng		98
60) 4-Chlorophenyl-phenylether	10.19	204	459101	35.53	ng	#	84
61) 4-Nitroaniline	10.23	138	324996	38.39	ng		91
62) Azobenzene	10.35	77	1213129	38.00	ng		93
64) 4,6-Dinitro-2-methylphenol	10.25	198	222620	39.99	ng		96
65) n-Nitrosodiphenylamine	10.32	169	1081275	41.36	ng		99
66) 4-Bromophenyl-phenylether	10.68	248	360321	41.16	ng	#	84
67) Hexachlorobenzene	10.74	284	406262	40.63	ng	#	82
68) Atrazine	10.84	200	331865	38.03	ng		98
69) Pentachlorophenol	10.94	266	257070	47.79	ng		99
70) Phenanthrene	11.14	178	1634033	37.74	ng		100
71) Anthracene	11.20	178	1719667	39.15	ng		100
72) Carbazole	11.36	167	1690051	41.04	ng		100
73) Di-n-butylphthalate	11.70	149	1900301	39.59	ng		99
74) Fluoranthene	12.32	202	1592030	35.08	ng		96
76) Benzidine	12.46	184	1040583	42.42	ng		98
77) Pyrene	12.55	202	1767834	38.72	ng		99
79) Butylbenzylphthalate	13.19	149	777857	42.25	ng	#	75
80) Benzo(a)anthracene	13.73	228	1539521	38.82	ng		99
81) 3,3'-Dichlorobenzidine	13.70	252	628262	43.89	ng	#	97
82) Chrysene	13.76	228	1396354	37.69	ng		100
83) Bis(2-ethylhexyl)phthalate	13.75	149	1027263	40.34	ng		97
84) Di-n-octyl phthalate	14.35	149	1772006	43.11	ng		99
85) Indeno(1,2,3-cd)pyrene	16.30	276	1120171	40.90	ng		100
87) Benzo(b)fluoranthene	14.72	252	1486909m	41.50	ng		
88) Benzo(k)fluoranthene	14.74	252	1085794m	35.71	ng		
89) Benzo(a)pyrene	15.03	252	1252134	40.79	ng	#	98
90) Dibenzo(a,h)anthracene	16.31	278	911544	40.53	ng		97
91) Benzo(g,h,i)perylene	16.66	276	918797	40.58	ng		96

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

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