Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120715\
Data File : BF083558.D
Acq On : 7 Dec 2015 15:43
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
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12/8/2015 6:15:36 PM

Quant Time: Dec 08 01:23:43 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 05 04:12:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.72	152	135997	20.00	ng		-0.05
21) Naphthalene-d8	7.63	136	545877	20.00	ng		-0.05
38) Acenaphthene-d10	10.42	164	265811	20.00	ng		-0.05
63) Phenanthrene-d10	12.82	188	501908	20.00	ng		-0.03
75) Chrysene-d12	17.01	240	402108	20.00	ng		-0.03
86) Perylene-d12	18.66	264	292604	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.00	112	796418	88.84	ng		-0.03
7) Phenol-d6	5.29	99	1051951	85.17	ng		-0.03
23) Nitrobenzene-d5	6.56	82	980588	83.97	ng		-0.05
41) 2,4,6-Tribromophenol	11.71	330	205691	83.89	ng		-0.05
44) 2-Fluorobiphenyl	9.38	172	1614360	82.38	ng		-0.05
78) Terphenyl-d14	15.45	244	1446643	80.06	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	1.82	88	179919	38.27	ng		96
3) Pyridine	2.27	79	534102	47.60	ng		96
4) n-Nitrosodimethylamine	2.24	42	248841	44.03	ng		99
6) Aniline	5.28	93	687327	42.75	ng		91
8) 2-Chlorophenol	5.44	128	424720	42.60	ng		96
9) Benzaldehyde	5.12	77	289718	40.91	ng		97
10) Phenol	5.30	94	603683	41.80	ng		92
11) bis(2-Chloroethyl)ether	5.38	93	432476	40.40	ng		98
12) 1,3-Dichlorobenzene	5.64	146	466021	42.15	ng		98
13) 1,4-Dichlorobenzene	5.74	146	472714	41.87	ng		100
14) 1,2-Dichlorobenzene	5.96	146	445894	42.95	ng		100
15) Benzyl Alcohol	5.97	79	399720	46.65	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.14	45	837915	42.22	ng	#	63
17) 2-Methylphenol	6.16	107	346009	42.05	ng		97
18) Hexachloroethane	6.44	117	167637	42.54	ng		90
19) n-Nitroso-di-n-propylamine	6.36	70	366019	44.42	ng		95
20) 3+4-Methylphenols	6.40	107	469259	43.91	ng		98
22) Acetophenone	6.34	105	652788	41.51	ng	#	97
24) Nitrobenzene	6.59	77	535327	41.62	ng		93
25) Isophorone	6.96	82	961420	42.87	ng		98
26) 2-Nitrophenol	7.07	139	226983	44.73	ng		90
27) 2,4-Dimethylphenol	7.18	122	377088	42.05	ng		97
28) bis(2-Chloroethoxy)methane	7.31	93	527806	42.23	ng		99
29) 2,4-Dichlorophenol	7.46	162	344666	42.57	ng		95
30) 1,2,4-Trichlorobenzene	7.55	180	376776	42.09	ng		100
31) Naphthalene	7.66	128	1218022	41.92	ng		100
32) Benzoic acid	7.48	122	202651	40.44	ng		94
33) 4-Chloroaniline	7.79	127	488086	42.94	ng		93
34) Hexachlorobutadiene	7.87	225	218786	41.36	ng		99
35) Caprolactam	8.41	113	109448	42.50	ng		99
36) 4-Chloro-3-methylphenol	8.64	107	400337	43.93	ng		91
37) 2-Methylnaphthalene	8.76	142	751596	41.83	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	368486	42.16	ng	#	100
40) Hexachlorocyclopentadiene	9.01	237	78085	30.21	ng		95

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Quant Time: Dec 08 01:23:43 2015
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 05 04:12:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	229196	41.77	ng		99
43) 2,4,5-Trichlorophenol	9.33	196	228044	40.34	ng		97
45) 1,1'-Biphenyl	9.53	154	996780	42.20	ng		99
46) 2-Chloronaphthalene	9.54	162	741450	41.65	ng		98
47) 2-Nitroaniline	9.74	65	283090	44.65	ng		99
48) Acenaphthylene	10.19	152	1210108	41.52	ng		100
49) Dimethylphthalate	10.08	163	890396	42.56	ng		98
50) 2,6-Dinitrotoluene	10.16	165	186051	42.23	ng		97
51) Acenaphthene	10.48	154	708904	42.27	ng		99
52) 3-Nitroaniline	10.42	138	203450	42.84	ng	#	97
53) 2,4-Dinitrophenol	10.62	184	77183	38.37	ng		96
54) Dibenzofuran	10.76	168	973963	41.92	ng		99
55) 4-Nitrophenol	10.82	139	89671m	33.52	ng		
56) 2,4-Dinitrotoluene	10.82	165	254895	44.30	ng	#	77
57) Fluorene	11.31	166	857175	42.40	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.99	232	175963	41.62	ng	#	100
59) Diethylphthalate	11.22	149	863811	42.91	ng		97
60) 4-Chlorophenyl-phenylether	11.33	204	399831	41.27	ng		98
61) 4-Nitroaniline	11.42	138	199202	46.29	ng		90
62) Azobenzene	11.60	77	988001	45.99	ng		99
64) 4,6-Dinitro-2-methylphenol	11.48	198	134911	40.43	ng	#	78
65) n-Nitrosodiphenylamine	11.55	169	705541	42.46	ng		99
66) 4-Bromophenyl-phenylether	12.12	248	232362	42.37	ng		99
67) Hexachlorobenzene	12.20	284	247618	42.24	ng	#	85
68) Atrazine	12.46	200	207717	41.34	ng		99
69) Pentachlorophenol	12.56	266	75232	31.11	ng		95
70) Phenanthrene	12.85	178	1187358	40.64	ng		99
71) Anthracene	12.93	178	1232487	41.37	ng		99
72) Carbazole	13.23	167	1083693	42.36	ng		98
73) Di-n-butylphthalate	13.87	149	1349612	43.80	ng		99
74) Fluoranthene	14.79	202	1211123	41.83	ng		98
76) Benzidine	15.05	184	546343	37.61	ng		98
77) Pyrene	15.14	202	1236830	41.12	ng		99
79) Butylbenzylphthalate	16.27	149	533115	45.07	ng		90
80) Benzo(a)anthracene	17.00	228	966034	41.06	ng		99
81) 3,3'-Dichlorobenzidine	17.00	252	340827	45.29	ng	#	97
82) Chrysene	17.06	228	991321	42.30	ng		98
83) Bis(2-ethylhexyl)phthalate	17.13	149	714666	46.04	ng		100
84) Di-n-octyl phthalate	17.89	149	1027933	46.44	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.89	276	697194	34.70	ng	#	100
87) Benzo(b)fluoranthene	18.27	252	918462m	55.89	ng		
88) Benzo(k)fluoranthene	18.31	252	557770m	33.13	ng		
89) Benzo(a)pyrene	18.60	252	677190	42.37	ng	#	96
90) Dibenzo(a,h)anthracene	19.91	278	600232	39.03	ng		98
91) Benzo(g,h,i)perylene	20.25	276	583424	37.65	ng		98

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

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