Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
Data File : BG024732.D
Acq On : 7 Nov 2016 17:11
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
11/8/2016 4:29:27 PM

Quant Time: Nov 08 02:19:03 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 26 11:14:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	106293	20.00	ng		0.00
21) Naphthalene-d8	11.09	136	431536	20.00	ng		-0.01
38) Acenaphthene-d10	14.88	164	337836	20.00	ng		-0.01
63) Phenanthrene-d10	17.62	188	784275	20.00	ng		0.00
75) Chrysene-d12	21.92	240	1045366	20.00	ng		-0.01
86) Perylene-d12	25.34	264	1134285	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.79	112	550957	84.95	ng		0.00
7) Phenol-d6	7.40	99	751969	84.53	ng		0.00
23) Nitrobenzene-d5	9.44	82	791913	83.55	ng		-0.01
41) 2,4,6-Tribromophenol	16.37	330	470032	93.13	ng		0.00
44) 2-Fluorobiphenyl	13.50	172	1739853	85.60	ng		-0.01
78) Terphenyl-d14	20.20	244	2908729	83.14	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	115416	43.56	ng		91
3) Pyridine	4.07	79	334563	42.17	ng		92
4) n-Nitrosodimethylamine	3.99	42	165521	40.31	ng	#	85
6) Aniline	7.58	93	468360	41.56	ng		96
8) 2-Chlorophenol	7.82	128	275814	41.83	ng		93
9) Benzaldehyde	7.39	77	219992	40.02	ng		97
10) Phenol	7.43	94	392793	42.83	ng		92
11) bis(2-Chloroethyl)ether	7.67	93	286304	41.56	ng		93
12) 1,3-Dichlorobenzene	8.15	146	342852	42.00	ng		98
13) 1,4-Dichlorobenzene	8.30	146	344007	42.67	ng		99
14) 1,2-Dichlorobenzene	8.62	146	325259	41.96	ng		93
15) Benzyl Alcohol	8.50	79	349892	42.28	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.77	45	511910	40.05	ng		96
17) 2-Methylphenol	8.69	107	253687	41.75	ng		98
18) Hexachloroethane	9.35	117	134160	43.29	ng		89
19) n-Nitroso-di-n-propylamine	9.06	70	282912	43.15	ng	#	85
20) 3+4-Methylphenols	9.02	107	353709	43.35	ng		96
22) Acetophenone	9.09	105	467101	42.14	ng	#	89
24) Nitrobenzene	9.48	77	436286	41.38	ng		96
25) Isophorone	10.00	82	733771	41.62	ng		99
26) 2-Nitrophenol	10.19	139	178402	45.58	ng		97
27) 2,4-Dimethylphenol	10.23	122	288427	42.10	ng		90
28) bis(2-Chloroethoxy)methane	10.47	93	382569	41.94	ng		99
29) 2,4-Dichlorophenol	10.73	162	311638	43.34	ng		95
30) 1,2,4-Trichlorobenzene	10.94	180	356493	41.79	ng		98
31) Naphthalene	11.14	128	911835	42.36	ng		97
32) Benzoic acid	10.36	122	219073	38.39	ng		90
33) 4-Chloroaniline	11.25	127	399494	42.74	ng		96
34) Hexachlorobutadiene	11.41	225	288100	43.15	ng		93
35) Caprolactam	12.02	113	106810	40.57	ng		93
36) 4-Chloro-3-methylphenol	12.34	107	385948	44.46	ng		98
37) 2-Methylnaphthalene	12.72	142	672713	42.83	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.08	216	483073	42.40	ng		98
40) Hexachlorocyclopentadiene	13.05	237	279951	43.63	ng		95

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.32	196	302922	44.23	ng		99
43) 2,4,5-Trichlorophenol	13.39	196	315813	42.65	ng	#	94
45) 1,1'-Biphenyl	13.72	154	998701	42.60	ng		97
46) 2-Chloronaphthalene	13.76	162	748198	41.91	ng		100
47) 2-Nitroaniline	13.97	65	315620	43.18	ng		98
48) Acenaphthylene	14.61	152	1185351	43.30	ng		96
49) Dimethylphthalate	14.32	163	1029289	42.92	ng		98
50) 2,6-Dinitrotoluene	14.45	165	231945	45.30	ng		89
51) Acenaphthene	14.94	154	784484	38.44	ng		99
52) 3-Nitroaniline	14.79	138	225060	42.48	ng		94
53) 2,4-Dinitrophenol	14.99	184	194186	52.34	ng		99
54) Dibenzofuran	15.27	168	1203445	42.65	ng		99
55) 4-Nitrophenol	15.07	139	198228	42.94	ng	#	84
56) 2,4-Dinitrotoluene	15.23	165	331037	44.49	ng	#	98
57) Fluorene	15.92	166	992019	42.40	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.50	232	338767	44.13	ng	#	91
59) Diethylphthalate	15.67	149	1054939	41.95	ng		99
60) 4-Chlorophenyl-phenylether	15.90	204	557438	42.46	ng		98
61) 4-Nitroaniline	15.95	138	250033	43.20	ng		93
62) Azobenzene	16.20	77	1025299	40.88	ng		98
64) 4,6-Dinitro-2-methylphenol	16.00	198	242300	44.84	ng		96
65) n-Nitrosodiphenylamine	16.12	169	883234	41.19	ng		98
66) 4-Bromophenyl-phenylether	16.80	248	402934	42.32	ng		92
67) Hexachlorobenzene	16.92	284	460490	43.77	ng	#	92
68) Atrazine	17.05	200	365160	39.71	ng		97
69) Pentachlorophenol	17.26	266	283590	40.85	ng		96
70) Phenanthrene	17.66	178	1656946	41.45	ng		98
71) Anthracene	17.75	178	1697840	42.10	ng		97
72) Carbazole	18.02	167	1529161	41.57	ng		99
73) Di-n-butylphthalate	18.55	149	1767060	41.67	ng		99
74) Fluoranthene	19.66	202	2156699	42.68	ng		97
76) Benzidine	19.83	184	958655	38.92	ng		98
77) Pyrene	20.02	202	2219211	43.43	ng		100
79) Butylbenzylphthalate	20.88	149	892279	41.88	ng		98
80) Benzo(a)anthracene	21.89	228	2386927	41.56	ng		99
81) 3,3'-Dichlorobenzidine	21.81	252	960924	41.48	ng		96
82) Chrysene	21.97	228	2270826	41.52	ng		99
83) Bis(2-ethylhexyl)phthalate	21.75	149	1260737	41.37	ng	#	98
84) Di-n-octyl phthalate	23.03	149	2132629	42.17	ng	#	93
85) Indeno(1,2,3-cd)pyrene	29.29	276	3142093	41.62	ng	#	76
87) Benzo(b)fluoranthene	24.25	252	2606571	42.51	ng		99
88) Benzo(k)fluoranthene	24.32	252	2401793m	40.56	ng		
89) Benzo(a)pyrene	25.19	252	2490060	41.56	ng		97
90) Dibenzo(a,h)anthracene	29.36	278	2678890	40.74	ng		98
91) Benzo(g,h,i)perylene	30.53	276	2662488	40.53	ng		98

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

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