Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
Data File : BG024088.D
Acq On : 23 Sep 2016 15:35
Operator : UM/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG092316

Manual Integrations APPROVED
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9/26/2016 6:39:50 PM

Quant Time: Sep 23 16:13:53 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 23 15:35:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	46306	20.00	ng		0.03
21) Naphthalene-d8	10.89	136	227475	20.00	ng		0.01
38) Acenaphthene-d10	14.73	164	202836	20.00	ng		0.01
63) Phenanthrene-d10	17.50	188	451647	20.00	ng		0.01
75) Chrysene-d12	21.80	240	390142	20.00	ng		0.00
86) Perylene-d12	25.15	264	391755	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	214498	80.25	ng		0.02
7) Phenol-d6	7.23	99	358944	79.81	ng		0.03
23) Nitrobenzene-d5	9.24	82	464648	80.51	ng		0.02
41) 2,4,6-Tribromophenol	16.23	330	236208	81.02	ng		0.00
44) 2-Fluorobiphenyl	13.34	172	962356	79.75	ng		0.01
78) Terphenyl-d14	20.11	244	1452345	76.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	42801	41.84	ng		96
3) Pyridine	3.86	79	149803	41.43	ng		94
4) n-Nitrosodimethylamine	3.77	42	72488	39.56	ng	#	86
6) Aniline	7.38	93	248726	39.37	ng		96
8) 2-Chlorophenol	7.63	128	124748	38.99	ng		95
9) Benzaldehyde	7.20	77	95434	38.97	ng		93
10) Phenol	7.26	94	191688	40.54	ng		96
11) bis(2-Chloroethyl)ether	7.48	93	142205	38.14	ng		89
12) 1,3-Dichlorobenzene	7.95	146	138972	38.95	ng		96
13) 1,4-Dichlorobenzene	8.10	146	141550	38.87	ng		97
14) 1,2-Dichlorobenzene	8.42	146	138389	39.05	ng		95
15) Benzyl Alcohol	8.31	79	171156	39.32	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.59	45	198401	38.54	ng		98
17) 2-Methylphenol	8.53	107	127602	40.59	ng		93
18) Hexachloroethane	9.15	117	61371	40.00	ng		87
19) n-Nitroso-di-n-propylamine	8.87	70	173810	39.35	ng		98
20) 3+4-Methylphenols	8.86	107	184010	40.31	ng		87
22) Acetophenone	8.90	105	269534	41.07	ng	#	97
24) Nitrobenzene	9.29	77	246740	39.88	ng		97
25) Isophorone	9.81	82	484940	41.19	ng		99
26) 2-Nitrophenol	10.01	139	89433	40.76	ng		93
27) 2,4-Dimethylphenol	10.07	122	149409	40.72	ng		95
28) bis(2-Chloroethoxy)methane	10.29	93	238392	41.65	ng		100
29) 2,4-Dichlorophenol	10.55	162	161052	42.17	ng		97
30) 1,2,4-Trichlorobenzene	10.75	180	159559	39.04	ng		96
31) Naphthalene	10.94	128	470769	40.85	ng		98
32) Benzoic acid	10.25	122	120116	42.40	ng		95
33) 4-Chloroaniline	11.06	127	211272	41.08	ng		98
34) Hexachlorobutadiene	11.22	225	125516	39.00	ng		93
35) Caprolactam	11.86	113	63537	40.90	ng	#	81
36) 4-Chloro-3-methylphenol	12.20	107	225738	42.01	ng		94
37) 2-Methylnaphthalene	12.55	142	363669	41.21	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.92	216	236276	39.90	ng		99
40) Hexachlorocyclopentadiene	12.89	237	94689	40.96	ng		93

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Quant Time: Sep 23 16:13:53 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.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	13.17	196	159320	41.60	ng		96
43) 2,4,5-Trichlorophenol	13.26	196	160073	40.62	ng		93
45) 1,1'-Biphenyl	13.56	154	562820	40.58	ng		99
46) 2-Chloronaphthalene	13.61	162	415028	40.08	ng		98
47) 2-Nitroaniline	13.83	65	197368	40.96	ng		98
48) Acenaphthylene	14.45	152	708504	40.30	ng		99
49) Dimethylphthalate	14.18	163	628223	40.37	ng		99
50) 2,6-Dinitrotoluene	14.31	165	135966	41.60	ng		98
51) Acenaphthene	14.79	154	422507	39.62	ng		98
52) 3-Nitroaniline	14.65	138	135555	41.52	ng		99
53) 2,4-Dinitrophenol	14.88	184	79158	40.12	ng		89
54) Dibenzofuran	15.13	168	669054	40.30	ng		99
55) 4-Nitrophenol	14.99	139	90180	37.81	ng	#	89
56) 2,4-Dinitrotoluene	15.11	165	203029	40.82	ng		93
57) Fluorene	15.78	166	576482	39.89	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.37	232	152155	39.98	ng		94
59) Diethylphthalate	15.54	149	662770	39.55	ng		98
60) 4-Chlorophenyl-phenylether	15.77	204	306159	39.55	ng		97
61) 4-Nitroaniline	15.83	138	133214	39.40	ng		88
62) Azobenzene	16.06	77	676431	39.73	ng		92
64) 4,6-Dinitro-2-methylphenol	15.89	198	129858	41.40	ng		89
65) n-Nitrosodiphenylamine	15.99	169	537690	43.52	ng		97
66) 4-Bromophenyl-phenylether	16.67	248	218981	41.80	ng		98
67) Hexachlorobenzene	16.80	284	245538	41.60	ng		98
68) Atrazine	16.94	200	223471	40.97	ng		94
69) Pentachlorophenol	17.16	266	113418	38.98	ng		99
70) Phenanthrene	17.54	178	949733	41.28	ng		98
71) Anthracene	17.63	178	965508	40.86	ng		96
72) Carbazole	17.91	167	871349	39.61	ng		97
73) Di-n-butylphthalate	18.44	149	1078767	37.46	ng		96
74) Fluoranthene	19.55	202	1069181	35.60	ng		96
76) Benzidine	19.74	184	430859	39.01	ng		98
77) Pyrene	19.92	202	1068526	39.22	ng		95
79) Butylbenzylphthalate	20.79	149	394713	39.35	ng		99
80) Benzo(a)anthracene	21.78	228	897031	40.39	ng		92
81) 3,3'-Dichlorobenzidine	21.69	252	357047	44.85	ng	#	99
82) Chrysene	21.85	228	869704	41.66	ng		97
83) Bis(2-ethylhexyl)phthalate	21.65	149	573879	47.88	ng		94
84) Di-n-octyl phthalate	22.90	149	997125	48.22	ng		99
85) Indeno(1,2,3-cd)pyrene	29.00	276	1084263	46.57	ng	#	100
87) Benzo(b)fluoranthene	24.08	252	954010m	41.86	ng		
88) Benzo(k)fluoranthene	24.15	252	901250	39.82	ng	#	98
89) Benzo(a)pyrene	24.99	252	897536	40.74	ng	#	97
90) Dibenzo(a,h)anthracene	29.05	278	862267	39.19	ng	#	95
91) Benzo(g,h,i)perylene	30.18	276	863380	38.95	ng	#	97

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

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