Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111517\
Data File : BG031007.D
Acq On : 15 Nov 2017 9:52
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
SOHIL
11/16/2017 6:29:24 PM

Quant Time: Nov 15 14:22:01 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	39509	20.00	ng		-0.01
21) Naphthalene-d8	10.96	136	168305	20.00	ng		-0.01
38) Acenaphthene-d10	14.76	164	121176	20.00	ng		-0.01
63) Phenanthrene-d10	17.50	188	312676	20.00	ng		-0.02
75) Chrysene-d12	21.77	240	403273	20.00	ng		-0.01
86) Perylene-d12	25.07	264	426948	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	171467	74.42	ng		0.00
7) Phenol-d6	7.31	99	234889	75.67	ng		0.00
23) Nitrobenzene-d5	9.31	82	228612	80.49	ng		-0.01
41) 2,4,6-Tribromophenol	16.24	330	188089	95.95	ng		-0.01
44) 2-Fluorobiphenyl	13.39	172	740911	87.86	ng		-0.01
78) Terphenyl-d14	20.09	244	1465620	80.25	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	30256	32.359	ng	#	80
3) Pyridine	3.96	79	91386	33.666	ng		88
4) n-Nitrosodimethylamine	3.88	42	47862	37.204	ng	#	83
6) Aniline	7.46	93	145209	35.546	ng		96
8) 2-Chlorophenol	7.71	128	99848	39.269	ng		85
9) Benzaldehyde	7.28	77	72596	33.421	ng		86
10) Phenol	7.34	94	115471	35.821	ng		98
11) bis(2-Chloroethyl)ether	7.55	93	92813	36.060	ng		84
12) 1,3-Dichlorobenzene	8.03	146	122052	40.913	ng		96
13) 1,4-Dichlorobenzene	8.18	146	124278	41.110	ng		91
14) 1,2-Dichlorobenzene	8.50	146	120350	41.478	ng		97
15) Benzyl Alcohol	8.38	79	91567	36.776	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.66	45	79985	28.134	ng		88
17) 2-Methylphenol	8.59	107	80595	35.903	ng		93
18) Hexachloroethane	9.23	117	41074	39.038	ng	#	85
19) n-Nitroso-di-n-propylamine	8.95	70	81216	34.412	ng	#	93
20) 3+4-Methylphenols	8.92	107	116092	36.370	ng		92
22) Acetophenone	8.96	105	165738	39.550	ng	#	92
24) Nitrobenzene	9.35	77	112898	38.912	ng	#	93
25) Isophorone	9.87	82	203730	36.779	ng	#	91
26) 2-Nitrophenol	10.06	139	65239	43.138	ng	#	85
27) 2,4-Dimethylphenol	10.12	122	90173m	40.163	ng		
28) bis(2-Chloroethoxy)methane	10.34	93	129730	37.185	ng		97
29) 2,4-Dichlorophenol	10.61	162	123735	45.895	ng		90
30) 1,2,4-Trichlorobenzene	10.81	180	149224	46.360	ng		98
31) Naphthalene	11.01	128	332782	40.221	ng		98
32) Benzoic acid	10.24	122	18707m	14.485	ng		
33) 4-Chloroaniline	11.11	127	146396	40.420	ng		95
34) Hexachlorobutadiene	11.28	225	111358	49.885	ng		97
35) Caprolactam	11.90	113	39710	36.056	ng	#	65
36) 4-Chloro-3-methylphenol	12.24	107	120511	41.069	ng		92
37) 2-Methylnaphthalene	12.60	142	271516	42.510	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	236469	49.168	ng	#	94
40) Hexachlorocyclopentadiene	12.94	237	64451	42.064	ng		91

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.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	13.21	196	125015	45.470	ng		97
43) 2,4,5-Trichlorophenol	13.29	196	136249	45.293	ng	#	91
45) 1,1'-Biphenyl	13.59	154	417835	41.583	ng		97
46) 2-Chloronaphthalene	13.64	162	300664	41.471	ng		97
47) 2-Nitroaniline	13.85	65	77230	35.940	ng	#	77
48) Acenaphthylene	14.49	152	476547	40.161	ng		98
49) Dimethylphthalate	14.21	163	420571	40.141	ng		99
50) 2,6-Dinitrotoluene	14.33	165	89985	41.669	ng	#	76
51) Acenaphthene	14.83	154	305883	41.275	ng		99
52) 3-Nitroaniline	14.67	138	84034	36.648	ng	#	79
53) 2,4-Dinitrophenol	14.88	184	32532	31.240	ng	#	45
54) Dibenzofuran	15.16	168	490850	41.583	ng		100
55) 4-Nitrophenol	14.99	139	63080	38.618	ng	#	85
56) 2,4-Dinitrotoluene	15.12	165	131896	42.247	ng	#	69
57) Fluorene	15.80	166	408380	42.614	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.39	232	140895	49.143	ng	#	82
59) Diethylphthalate	15.56	149	421344	39.590	ng		98
60) 4-Chlorophenyl-phenylether	15.79	204	258683	44.695	ng		92
61) 4-Nitroaniline	15.83	138	91686	37.760	ng		91
62) Azobenzene	16.08	77	281694	34.706	ng		93
64) 4,6-Dinitro-2-methylphenol	15.89	198	73697	35.460	ng		73
65) n-Nitrosodiphenylamine	16.00	169	394676	41.655	ng		97
66) 4-Bromophenyl-phenylether	16.68	248	185456	46.830	ng		95
67) Hexachlorobenzene	16.81	284	194327	46.182	ng	#	92
68) Atrazine	16.94	200	167347	42.808	ng		96
69) Pentachlorophenol	17.15	266	107207	46.091	ng		98
70) Phenanthrene	17.54	178	678219	41.659	ng		100
71) Anthracene	17.64	178	689444	42.264	ng		99
72) Carbazole	17.90	167	624310	40.845	ng		99
73) Di-n-butylphthalate	18.44	149	715742	38.138	ng		99
74) Fluoranthene	19.54	202	938346	45.522	ng		95
76) Benzidine	19.72	184	442585	34.166	ng		98
77) Pyrene	19.90	202	958551	40.056	ng		98
79) Butylbenzylphthalate	20.77	149	341236	35.764	ng	#	77
80) Benzo(a)anthracene	21.75	228	1001991	40.000	ng		99
81) 3,3'-Dichlorobenzidine	21.66	252	409977	40.545	ng	#	95
82) Chrysene	21.82	228	936436	40.413	ng		97
83) Bis(2-ethylhexyl)phthalate	21.63	149	483570	35.110	ng	#	99
84) Di-n-octyl phthalate	22.86	149	811056	36.181	ng	#	91
85) Indeno(1,2,3-cd)pyrene	28.86	276	1152718	40.920	ng	#	86
87) Benzo(b)fluoranthene	24.02	252	1038116	40.197	ng	#	96
88) Benzo(k)fluoranthene	24.09	252	1031485	40.294	ng	#	96
89) Benzo(a)pyrene	24.92	252	984530	40.129	ng	#	95
90) Dibenzo(a,h)anthracene	28.92	278	977580	38.983	ng	#	94
91) Benzo(g,h,i)perylene	30.05	276	955950	39.277	ng	#	93

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

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