Quantitation Report (QT Reviewed)

Data Path : S:\HPCHEM1\BNA_G\DATA\BG120817\
Data File : BG031415.D
Acq On : 8 Dec 2017 9:48
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/11/2017 6:17:15 PM

Quant Time: Dec 08 13:31:32 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 17:58:37 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	41423	20.00	ng		0.00
21) Naphthalene-d8	10.94	136	202557	20.00	ng		0.00
38) Acenaphthene-d10	14.75	164	151288	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	411267	20.00	ng		0.00
75) Chrysene-d12	21.77	240	433717	20.00	ng		0.00
86) Perylene-d12	25.06	264	429888	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	190226	78.75	ng		0.00
7) Phenol-d6	7.29	99	273892	84.16	ng		0.00
23) Nitrobenzene-d5	9.29	82	274266	80.23	ng		0.00
41) 2,4,6-Tribromophenol	16.24	330	157535	64.37	ng		0.00
44) 2-Fluorobiphenyl	13.37	172	794448	75.45	ng		0.00
78) Terphenyl-d14	20.08	244	1474701	75.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	34223	34.911	ng		85
3) Pyridine	3.95	79	102065	35.863	ng		95
4) n-Nitrosodimethylamine	3.86	42	53548	39.700	ng		90
6) Aniline	7.45	93	177959	41.550	ng		96
8) 2-Chlorophenol	7.69	128	108073	40.540	ng		90
9) Benzaldehyde	7.26	77	78709	34.561	ng		94
10) Phenol	7.32	94	142580	42.187	ng		95
11) bis(2-Chloroethyl)ether	7.54	93	111127	41.180	ng		91
12) 1,3-Dichlorobenzene	8.01	146	124538	39.818	ng		94
13) 1,4-Dichlorobenzene	8.16	146	127747	40.305	ng		94
14) 1,2-Dichlorobenzene	8.48	146	122099	40.137	ng		99
15) Benzyl Alcohol	8.36	79	105681	40.484	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.65	45	127115	42.646	ng		95
17) 2-Methylphenol	8.58	107	95154	40.431	ng		94
18) Hexachloroethane	9.21	117	46181	41.864	ng		98
19) n-Nitroso-di-n-propylamine	8.93	70	106159	42.902	ng	#	94
20) 3+4-Methylphenols	8.90	107	136809	40.880	ng		95
22) Acetophenone	8.95	105	200162	39.687	ng	#	94
24) Nitrobenzene	9.34	77	136485	39.087	ng		91
25) Isophorone	9.86	82	269208	40.381	ng	#	92
26) 2-Nitrophenol	10.05	139	70289	38.618	ng		93
27) 2,4-Dimethylphenol	10.11	122	105984	39.223	ng	#	94
28) bis(2-Chloroethoxy)methane	10.33	93	164996	39.296	ng		95
29) 2,4-Dichlorophenol	10.60	162	129294	39.847	ng		92
30) 1,2,4-Trichlorobenzene	10.80	180	149723	38.650	ng		99
31) Naphthalene	10.99	128	383927	38.556	ng		98
32) Benzoic acid	10.26	122	81306m	37.528	ng		
33) 4-Chloroaniline	11.10	127	180601	41.432	ng		95
34) Hexachlorobutadiene	11.27	225	100492	37.405	ng		98
35) Caprolactam	11.88	113	57093	43.073	ng	#	78
36) 4-Chloro-3-methylphenol	12.22	107	148032	41.918	ng		87
37) 2-Methylnaphthalene	12.59	142	309830	40.306	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	227714	37.924	ng	#	97
40) Hexachlorocyclopentadiene	12.93	237	55776	32.427	ng		89

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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	13.19	196	130328	37.968	ng		95
43) 2,4,5-Trichlorophenol	13.28	196	143231	38.137	ng	#	94
45) 1,1'-Biphenyl	13.58	154	473401	37.735	ng		97
46) 2-Chloronaphthalene	13.63	162	348149	38.463	ng		97
47) 2-Nitroaniline	13.84	65	111676	41.626	ng	#	82
48) Acenaphthylene	14.47	152	579406	39.110	ng		100
49) Dimethylphthalate	14.20	163	525248	40.154	ng		99
50) 2,6-Dinitrotoluene	14.32	165	112175	41.605	ng	#	84
51) Acenaphthene	14.81	154	364242	39.368	ng		99
52) 3-Nitroaniline	14.66	138	117077	40.895	ng	#	80
53) 2,4-Dinitrophenol	14.88	184	48916	36.426	ng	#	50
54) Dibenzofuran	15.14	168	590716	40.083	ng		98
55) 4-Nitrophenol	14.99	139	85093	41.726	ng		92
56) 2,4-Dinitrotoluene	15.11	165	163956	42.064	ng	#	77
57) Fluorene	15.80	166	482115	40.295	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.38	232	138619	38.726	ng		94
59) Diethylphthalate	15.55	149	542984	40.865	ng		98
60) 4-Chlorophenyl-phenylether	15.78	204	293596	40.630	ng		92
61) 4-Nitroaniline	15.82	138	125580	41.425	ng		93
62) Azobenzene	16.07	77	433425	42.771	ng		96
64) 4,6-Dinitro-2-methylphenol	15.88	198	102738	37.583	ng		79
65) n-Nitrosodiphenylamine	16.00	169	473797	38.018	ng		98
66) 4-Bromophenyl-phenylether	16.67	248	185648	35.641	ng		96
67) Hexachlorobenzene	16.80	284	189238	34.191	ng		98
68) Atrazine	16.94	200	181836	35.363	ng		98
69) Pentachlorophenol	17.15	266	112664	36.825	ng		99
70) Phenanthrene	17.54	178	821037	38.342	ng		99
71) Anthracene	17.62	178	825325	38.465	ng		99
72) Carbazole	17.89	167	754186	37.513	ng		99
73) Di-n-butylphthalate	18.43	149	904937	36.660	ng		99
74) Fluoranthene	19.53	202	1039948	38.357	ng		98
76) Benzidine	19.71	184	464008	33.305	ng		98
77) Pyrene	19.90	202	1062592	41.287	ng		97
79) Butylbenzylphthalate	20.76	149	415315	40.472	ng	#	85
80) Benzo(a)anthracene	21.75	228	1048350	38.913	ng		99
81) 3,3'-Dichlorobenzidine	21.65	252	397770	36.577	ng		99
82) Chrysene	21.81	228	1000644	40.152	ng		98
83) Bis(2-ethylhexyl)phthalate	21.62	149	585853	39.551	ng		99
84) Di-n-octyl phthalate	22.85	149	991965	41.145	ng		96
85) Indeno(1,2,3-cd)pyrene	28.86	276	1119001	36.935	ng		99
87) Benzo(b)fluoranthene	24.01	252	1022345m	39.315	ng		
88) Benzo(k)fluoranthene	24.08	252	1027557	39.866	ng		99
89) Benzo(a)pyrene	24.91	252	977560	39.572	ng		99
90) Dibenzo(a,h)anthracene	28.90	278	944987	37.426	ng		97
91) Benzo(g,h,i)perylene	30.04	276	923629	37.689	ng		98

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

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