Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122217\
Data File : BG031714.D
Acq On : 22 Dec 2017 16:54
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/26/2017 3:30:56 PM

Quant Time: Dec 23 01:16:52 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 11:08:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.83	152	46694	20.00	ng		-0.01
21) Naphthalene-d8	11.71	136	200009	20.00	ng		-0.01
38) Acenaphthene-d10	15.46	164	138261	20.00	ng		0.00
63) Phenanthrene-d10	18.19	188	340587	20.00	ng		-0.01
75) Chrysene-d12	22.56	240	383344	20.00	ng		-0.01
86) Perylene-d12	26.34	264	420354	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.24	112	202681	79.06	ng		0.00
7) Phenol-d6	7.92	99	265398	79.74	ng		0.00
23) Nitrobenzene-d5	10.03	82	215657	81.42	ng		-0.01
41) 2,4,6-Tribromophenol	16.94	330	181404	85.99	ng		0.00
44) 2-Fluorobiphenyl	14.09	172	837224	76.00	ng		-0.01
78) Terphenyl-d14	20.73	244	1303154	77.67	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.89	88	36433	38.338	ng	#	70
3) Pyridine	4.35	79	103500	40.744	ng	#	79
4) n-Nitrosodimethylamine	4.25	42	40118	39.138	ng	#	82
6) Aniline	8.12	93	161433	37.697	ng		90
8) 2-Chlorophenol	8.37	128	117530	39.522	ng	#	81
9) Benzaldehyde	7.92	77	76918m	38.378	ng		
10) Phenol	7.95	94	133009	39.581	ng		88
11) bis(2-Chloroethyl)ether	8.21	93	103300	37.014	ng	#	81
12) 1,3-Dichlorobenzene	8.71	146	141325	38.269	ng	#	94
13) 1,4-Dichlorobenzene	8.86	146	142380	37.743	ng		93
14) 1,2-Dichlorobenzene	9.20	146	139805	39.112	ng		98
15) Benzyl Alcohol	9.06	79	97669	39.089	ng		92
16) 2,2'-oxybis(1-Chloropropan	9.36	45	77919	34.284	ng		83
17) 2-Methylphenol	9.26	107	93203	38.763	ng		97
18) Hexachloroethane	9.96	117	44896	39.295	ng	#	85
19) n-Nitroso-di-n-propylamine	9.64	70	84078	36.988	ng	#	82
20) 3+4-Methylphenols	9.59	107	132224	38.692	ng		95
22) Acetophenone	9.67	105	178480	38.409	ng	#	86
24) Nitrobenzene	10.07	77	109607	40.151	ng	#	87
25) Isophorone	10.60	82	214034	37.537	ng	#	85
26) 2-Nitrophenol	10.80	139	63094	44.082	ng	#	81
27) 2,4-Dimethylphenol	10.83	122	115488	38.344	ng		92
28) bis(2-Chloroethoxy)methane	11.08	93	143028	37.384	ng	#	96
29) 2,4-Dichlorophenol	11.34	162	139100	39.340	ng		88
30) 1,2,4-Trichlorobenzene	11.57	180	164189	38.031	ng		96
31) Naphthalene	11.77	128	384165	38.059	ng		99
32) Benzoic acid	10.94	122	76054	38.559	ng	#	72
33) 4-Chloroaniline	11.85	127	169277	37.668	ng	#	90
34) Hexachlorobutadiene	12.04	225	117436	39.623	ng		99
35) Caprolactam	12.60	113	41459	38.683	ng	#	47
36) 4-Chloro-3-methylphenol	12.92	107	133066	40.749	ng	#	86
37) 2-Methylnaphthalene	13.32	142	312046	38.134	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.68	216	223119	38.312	ng	#	96
40) Hexachlorocyclopentadiene	13.65	237	120398	39.189	ng		93

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.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	13.90	196	136282	40.588	ng		96
43) 2,4,5-Trichlorophenol	13.97	196	149850	40.271	ng	#	89
45) 1,1'-Biphenyl	14.30	154	449940	38.102	ng		95
46) 2-Chloronaphthalene	14.35	162	344334	38.229	ng		95
47) 2-Nitroaniline	14.53	65	68018	43.724	ng	#	63
48) Acenaphthylene	15.19	152	553565	38.415	ng		99
49) Dimethylphthalate	14.89	163	466970	38.338	ng	#	98
50) 2,6-Dinitrotoluene	15.01	165	98949	44.160	ng	#	63
51) Acenaphthene	15.53	154	363953	38.565	ng		98
52) 3-Nitroaniline	15.34	138	92810	42.455	ng	#	70
53) 2,4-Dinitrophenol	15.54	184	31373	37.447	ng	#	1
54) Dibenzofuran	15.86	168	551493	38.121	ng		97
55) 4-Nitrophenol	15.61	139	71855	40.384	ng	#	70
56) 2,4-Dinitrotoluene	15.79	165	133194	46.228	ng	#	61
57) Fluorene	16.50	166	449157	38.219	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.06	232	145607	40.108	ng	#	85
59) Diethylphthalate	16.24	149	452180	38.089	ng		97
60) 4-Chlorophenyl-phenylether	16.48	204	275262	38.280	ng		91
61) 4-Nitroaniline	16.50	138	93408	43.786	ng		81
62) Azobenzene	16.77	77	285056	37.441	ng		80
64) 4,6-Dinitro-2-methylphenol	16.55	198	67100	41.796	ng	#	68
65) n-Nitrosodiphenylamine	16.69	169	433967	38.364	ng		98
66) 4-Bromophenyl-phenylether	17.37	248	191857	38.955	ng		93
67) Hexachlorobenzene	17.49	284	204758	40.669	ng	#	89
68) Atrazine	17.61	200	172539	39.227	ng		98
69) Pentachlorophenol	17.83	266	138133	39.888	ng		99
70) Phenanthrene	18.24	178	740362	38.411	ng		99
71) Anthracene	18.33	178	750088	38.578	ng		99
72) Carbazole	18.58	167	653787	37.991	ng		99
73) Di-n-butylphthalate	19.10	149	742109	38.803	ng		99
74) Fluoranthene	20.20	202	916445	38.750	ng		96
76) Benzidine	20.36	184	336072	28.404	ng		99
77) Pyrene	20.56	202	933132	38.107	ng		99
79) Butylbenzylphthalate	21.43	149	321826	39.151	ng	#	75
80) Benzo(a)anthracene	22.54	228	933031	38.263	ng		99
81) 3,3'-Dichlorobenzidine	22.42	252	366431	38.757	ng	#	99
82) Chrysene	22.61	228	880111	38.146	ng		98
83) Bis(2-ethylhexyl)phthalate	22.39	149	465315	39.072	ng	#	95
84) Di-n-octyl phthalate	23.82	149	776758	38.728	ng	#	87
85) Indeno(1,2,3-cd)pyrene	30.74	276	1195147	40.377	ng	#	89
87) Benzo(b)fluoranthene	25.13	252	1012059	38.787	ng	#	97
88) Benzo(k)fluoranthene	25.21	252	987227	37.806	ng	#	97
89) Benzo(a)pyrene	26.16	252	956457	38.274	ng	#	98
90) Dibenzo(a,h)anthracene	30.83	278	1005405	38.955	ng	#	96
91) Benzo(g,h,i)perylene	30.74	276	1195147	39.221	ng	#	93

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

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