Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120617\
Data File : BG031370.D
Acq On : 6 Dec 2017 14:33
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/7/2017 11:37:21 AM

Quant Time: Dec 06 18:00:19 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	8.13	152	53993	20.00	ng		0.00
21) Naphthalene-d8	10.94	136	251021	20.00	ng		0.00
38) Acenaphthene-d10	14.75	164	176390	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	443166	20.00	ng		0.00
75) Chrysene-d12	21.77	240	471289	20.00	ng		0.00
86) Perylene-d12	25.07	264	473165	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	245015	77.81	ng		0.00
7) Phenol-d6	7.29	99	349091	82.29	ng		0.00
23) Nitrobenzene-d5	9.30	82	337977	79.78	ng		0.00
41) 2,4,6-Tribromophenol	16.24	330	173387	60.76	ng		0.00
44) 2-Fluorobiphenyl	13.37	172	948864	77.30	ng		0.00
78) Terphenyl-d14	20.09	244	1639411	76.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	50654	39.642	ng		86
3) Pyridine	3.95	79	151231	40.768	ng		89
4) n-Nitrosodimethylamine	3.86	42	70947	40.354	ng	#	93
6) Aniline	7.45	93	223352	40.008	ng		95
8) 2-Chlorophenol	7.69	128	139172	40.052	ng		93
9) Benzaldehyde	7.26	77	103956	35.020	ng		94
10) Phenol	7.32	94	178127	40.434	ng		95
11) bis(2-Chloroethyl)ether	7.54	93	142055	40.386	ng		90
12) 1,3-Dichlorobenzene	8.02	146	157657	38.671	ng		96
13) 1,4-Dichlorobenzene	8.16	146	163491	39.574	ng		95
14) 1,2-Dichlorobenzene	8.49	146	157473	39.713	ng		98
15) Benzyl Alcohol	8.37	79	129664	38.107	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.65	45	153042	39.391	ng		94
17) 2-Methylphenol	8.58	107	120799	39.378	ng		97
18) Hexachloroethane	9.21	117	56106	39.021	ng		98
19) n-Nitroso-di-n-propylamine	8.93	70	127979	39.679	ng	#	98
20) 3+4-Methylphenols	8.90	107	172012	39.433	ng		96
22) Acetophenone	8.95	105	248230	39.716	ng	#	94
24) Nitrobenzene	9.34	77	172244	39.804	ng		91
25) Isophorone	9.86	82	310507	37.584	ng	#	90
26) 2-Nitrophenol	10.06	139	83647	37.085	ng	#	88
27) 2,4-Dimethylphenol	10.11	122	129924	38.800	ng		93
28) bis(2-Chloroethoxy)methane	10.33	93	203434	39.096	ng		96
29) 2,4-Dichlorophenol	10.60	162	157998	39.293	ng		95
30) 1,2,4-Trichlorobenzene	10.80	180	188752	39.317	ng		93
31) Naphthalene	10.99	128	482068	39.066	ng		98
32) Benzoic acid	10.27	122	85948m	32.844	ng		
33) 4-Chloroaniline	11.11	127	216862	40.145	ng		96
34) Hexachlorobutadiene	11.27	225	126205	37.906	ng		98
35) Caprolactam	11.88	113	58703	35.737	ng	#	74
36) 4-Chloro-3-methylphenol	12.23	107	172383	39.389	ng		91
37) 2-Methylnaphthalene	12.59	142	381329	40.030	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	274631	39.229	ng		96
40) Hexachlorocyclopentadiene	12.93	237	68965	33.744	ng		88

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	148072	36.998	ng		97
43) 2,4,5-Trichlorophenol	13.28	196	163381	37.311	ng		93
45) 1,1'-Biphenyl	13.59	154	572791	39.160	ng		98
46) 2-Chloronaphthalene	13.63	162	416008	39.419	ng		96
47) 2-Nitroaniline	13.84	65	120245	38.442	ng	#	83
48) Acenaphthylene	14.47	152	674929	39.075	ng		99
49) Dimethylphthalate	14.20	163	575632	37.743	ng		99
50) 2,6-Dinitrotoluene	14.33	165	126019	40.088	ng	#	79
51) Acenaphthene	14.81	154	430860	39.941	ng		98
52) 3-Nitroaniline	14.66	138	127228	38.117	ng	#	82
53) 2,4-Dinitrophenol	14.88	184	51541	33.483	ng	#	46
54) Dibenzofuran	15.15	168	678945	39.514	ng		99
55) 4-Nitrophenol	14.99	139	98790	41.549	ng	#	85
56) 2,4-Dinitrotoluene	15.12	165	178929	39.372	ng	#	76
57) Fluorene	15.80	166	547768	39.267	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.38	232	155299	37.212	ng	#	90
59) Diethylphthalate	15.55	149	584171	37.708	ng		97
60) 4-Chlorophenyl-phenylether	15.78	204	329672	39.130	ng		93
61) 4-Nitroaniline	15.83	138	136368	38.582	ng		91
62) Azobenzene	16.07	77	471495	39.907	ng		95
64) 4,6-Dinitro-2-methylphenol	15.88	198	97177	32.990	ng		81
65) n-Nitrosodiphenylamine	16.00	169	533017	39.691	ng		98
66) 4-Bromophenyl-phenylether	16.67	248	208803	37.201	ng		99
67) Hexachlorobenzene	16.80	284	209267	35.089	ng		98
68) Atrazine	16.94	200	197926	35.722	ng		98
69) Pentachlorophenol	17.15	266	121343	36.807	ng		96
70) Phenanthrene	17.54	178	911483	39.502	ng		99
71) Anthracene	17.63	178	921125	39.840	ng		99
72) Carbazole	17.89	167	832395	38.423	ng		99
73) Di-n-butylphthalate	18.43	149	983499	36.974	ng		100
74) Fluoranthene	19.54	202	1151830	39.426	ng		97
76) Benzidine	19.71	184	474367	31.335	ng		98
77) Pyrene	19.90	202	1175727	42.041	ng		97
79) Butylbenzylphthalate	20.76	149	436226	39.121	ng		88
80) Benzo(a)anthracene	21.75	228	1160586	39.645	ng		99
81) 3,3'-Dichlorobenzidine	21.65	252	429056	36.308	ng		92
82) Chrysene	21.82	228	1091146	40.293	ng		98
83) Bis(2-ethylhexyl)phthalate	21.62	149	621238	38.596	ng		99
84) Di-n-octyl phthalate	22.85	149	1041463	39.754	ng		95
85) Indeno(1,2,3-cd)pyrene	28.86	276	1233559	37.470	ng	#	53
87) Benzo(b)fluoranthene	24.02	252	1128386	39.424	ng		98
88) Benzo(k)fluoranthene	24.09	252	1152577	40.627	ng		98
89) Benzo(a)pyrene	24.91	252	1089030	40.052	ng		98
90) Dibenzo(a,h)anthracene	28.92	278	1048018	37.710	ng		98
91) Benzo(g,h,i)perylene	30.04	276	1013575	37.577	ng		99

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

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