Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG020518\
Data File : BG032547.D
Acq On : 5 Feb 2018 23:25
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
2/6/2018 8:45:10 AM

Quant Time: Feb 06 04:23:20 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 29 15:32:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	21171	20.00	ng		0.00
21) Naphthalene-d8	11.59	136	95719	20.00	ng		-0.01
38) Acenaphthene-d10	15.34	164	67025	20.00	ng		-0.01
63) Phenanthrene-d10	18.08	188	167268	20.00	ng		-0.01
75) Chrysene-d12	22.41	240	207553	20.00	ng		-0.01
86) Perylene-d12	26.08	264	230593	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.15	112	77855	73.86	ng		0.00
7) Phenol-d6	7.83	99	104554	74.33	ng		0.00
23) Nitrobenzene-d5	9.91	82	117552	76.71	ng		-0.01
41) 2,4,6-Tribromophenol	16.82	330	105456	82.66	ng		-0.01
44) 2-Fluorobiphenyl	13.97	172	453346	80.39	ng		-0.02
78) Terphenyl-d14	20.61	244	749897	77.39	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.82	88	14786	41.694	ng	#	68
3) Pyridine	4.27	79	38396	40.097	ng	#	70
4) n-Nitrosodimethylamine	4.17	42	17538	35.183	ng	#	75
6) Aniline	8.01	93	66843	38.116	ng		98
8) 2-Chlorophenol	8.26	128	51708	41.501	ng		82
9) Benzaldehyde	7.81	77	23872	32.861	ng	#	76
10) Phenol	7.86	94	52660	39.425	ng		90
11) bis(2-Chloroethyl)ether	8.10	93	41422	40.700	ng	#	75
12) 1,3-Dichlorobenzene	8.60	146	71517m	42.444	ng		
13) 1,4-Dichlorobenzene	8.75	146	70449	41.715	ng		98
14) 1,2-Dichlorobenzene	9.07	146	72790	43.998	ng		95
15) Benzyl Alcohol	8.95	79	42552	36.708	ng		96
16) 2,2'-oxybis(1-Chloropropan	9.23	45	38855	40.290	ng		69
17) 2-Methylphenol	9.15	107	43643	40.230	ng		94
18) Hexachloroethane	9.83	117	24281	42.823	ng	#	69
19) n-Nitroso-di-n-propylamine	9.52	70	37163	39.849	ng	#	90
20) 3+4-Methylphenols	9.49	107	61962	40.719	ng		94
22) Acetophenone	9.55	105	82741	36.876	ng	#	90
24) Nitrobenzene	9.95	77	47933	32.346	ng	#	88
25) Isophorone	10.47	82	101012	38.711	ng	#	85
26) 2-Nitrophenol	10.68	139	36325	40.551	ng	#	80
27) 2,4-Dimethylphenol	10.72	122	47035	36.582	ng		90
28) bis(2-Chloroethoxy)methane	10.95	93	55958	39.107	ng	#	95
29) 2,4-Dichlorophenol	11.22	162	66164	38.846	ng		81
30) 1,2,4-Trichlorobenzene	11.44	180	81354	35.837	ng		99
31) Naphthalene	11.64	128	188810	40.387	ng		99
32) Benzoic acid	10.85	122	32272	35.825	ng	#	75
33) 4-Chloroaniline	11.74	127	73282	35.145	ng		96
34) Hexachlorobutadiene	11.91	225	72289	40.929	ng		96
35) Caprolactam	12.50	113	18428	37.689	ng	#	40
36) 4-Chloro-3-methylphenol	12.82	107	61510	38.072	ng	#	82
37) 2-Methylnaphthalene	13.20	142	153965	39.202	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.56	216	121138	38.633	ng	#	95
40) Hexachlorocyclopentadiene	13.53	237	75878	38.730	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.79	196	65796	38.577	ng		99
43) 2,4,5-Trichlorophenol	13.86	196	78320	39.391	ng	#	92
45) 1,1'-Biphenyl	14.18	154	231041	40.801	ng		93
46) 2-Chloronaphthalene	14.24	162	178979	40.326	ng		97
47) 2-Nitroaniline	14.43	65	38950	39.685	ng	#	72
48) Acenaphthylene	15.07	152	272966	40.683	ng		98
49) Dimethylphthalate	14.77	163	241375	39.057	ng	#	98
50) 2,6-Dinitrotoluene	14.90	165	51723	39.876	ng	#	81
51) Acenaphthene	15.41	154	187079	40.204	ng		99
52) 3-Nitroaniline	15.24	138	45640	40.283	ng	#	68
53) 2,4-Dinitrophenol	15.44	184	25543	34.033	ng	#	63
54) Dibenzofuran	15.74	168	271809	39.465	ng		98
55) 4-Nitrophenol	15.53	139	29418	34.683	ng	#	74
56) 2,4-Dinitrotoluene	15.68	165	71353	38.635	ng	#	71
57) Fluorene	16.38	166	224358	39.202	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.95	232	78272	39.915	ng	#	85
59) Diethylphthalate	16.12	149	234669	38.988	ng		96
60) 4-Chlorophenyl-phenylether	16.36	204	143229	39.687	ng		95
61) 4-Nitroaniline	16.40	138	45964	37.851	ng		81
62) Azobenzene	16.65	77	141689	39.391	ng		85
64) 4,6-Dinitro-2-methylphenol	16.44	198	44126	35.312	ng	#	75
65) n-Nitrosodiphenylamine	16.57	169	208899	41.848	ng		95
66) 4-Bromophenyl-phenylether	17.25	248	89247	36.015	ng		94
67) Hexachlorobenzene	17.38	284	106843	38.961	ng	#	91
68) Atrazine	17.49	200	87466	40.817	ng		92
69) Pentachlorophenol	17.72	266	64755	37.694	ng		97
70) Phenanthrene	18.12	178	375403	40.245	ng		98
71) Anthracene	18.21	178	382455	41.177	ng		98
72) Carbazole	18.48	167	317062	38.636	ng		98
73) Di-n-butylphthalate	18.97	149	366941	40.386	ng		99
74) Fluoranthene	20.09	202	466669	38.148	ng		94
76) Benzidine	20.25	184	160815	39.459	ng		96
77) Pyrene	20.44	202	476298	37.415	ng		98
79) Butylbenzylphthalate	21.30	149	167958	41.829	ng	#	80
80) Benzo(a)anthracene	22.38	228	526059	40.884	ng		98
81) 3,3'-Dichlorobenzidine	22.28	252	200939	40.306	ng	#	95
82) Chrysene	22.46	228	504172	40.573	ng		98
83) Bis(2-ethylhexyl)phthalate	22.22	149	248969	43.729	ng	#	98
84) Di-n-octyl phthalate	23.59	149	412596	45.690	ng	#	89
85) Indeno(1,2,3-cd)pyrene	30.34	276	690311	43.914	ng	#	79
87) Benzo(b)fluoranthene	24.90	252	580332	41.652	ng	#	96
88) Benzo(k)fluoranthene	24.98	252	580177	42.035	ng	#	96
89) Benzo(a)pyrene	25.91	252	557152	41.945	ng	#	95
90) Dibenzo(a,h)anthracene	30.41	278	584139	42.989	ng	#	95
91) Benzo(g,h,i)perylene	31.68	276	556695	41.275	ng	#	91

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

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