Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
Data File : BG021705.D
Acq On : 16 Apr 2016 6:49
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/18/2016 7:20:32 PM

Quant Time: Apr 18 01:29:11 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 15:48:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	30165	20.00	ng		0.00
21) Naphthalene-d8	11.03	136	141257	20.00	ng		0.00
38) Acenaphthene-d10	14.82	164	92301	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	221004	20.00	ng		0.00
75) Chrysene-d12	21.83	240	238713	20.00	ng		0.00
86) Perylene-d12	25.16	264	237239	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.77	112	147723	81.55	ng		0.01
7) Phenol-d6	7.37	99	218028	80.58	ng		0.02
23) Nitrobenzene-d5	9.38	82	216162	78.66	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	92528	93.01	ng		0.00
44) 2-Fluorobiphenyl	13.45	172	483019	76.67	ng		0.00
78) Terphenyl-d14	20.14	244	763194	79.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.63	88	29924	37.11	ng	#	87
3) Pyridine	4.04	79	88133	36.42	ng		91
4) n-Nitrosodimethylamine	3.95	42	45018	37.54	ng	#	88
6) Aniline	7.54	93	135313	37.81	ng		96
8) 2-Chlorophenol	7.78	128	87493	40.29	ng		96
9) Benzaldehyde	7.35	77	56287	35.97	ng		92
10) Phenol	7.40	94	115614	39.73	ng		96
11) bis(2-Chloroethyl)ether	7.63	93	87484	37.56	ng		94
12) 1,3-Dichlorobenzene	8.10	146	95831	39.52	ng		97
13) 1,4-Dichlorobenzene	8.25	146	98322	39.82	ng		95
14) 1,2-Dichlorobenzene	8.57	146	94250	39.79	ng		98
15) Benzyl Alcohol	8.45	79	81150	39.24	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.74	45	176918	35.46	ng		98
17) 2-Methylphenol	8.65	107	79454	39.49	ng		91
18) Hexachloroethane	9.31	117	36770	40.92	ng	#	70
19) n-Nitroso-di-n-propylamine	9.02	70	75869	36.09	ng		96
20) 3+4-Methylphenols	8.98	107	112633	40.91	ng		97
22) Acetophenone	9.04	105	148543	37.75	ng	#	98
24) Nitrobenzene	9.42	77	115246	39.16	ng		97
25) Isophorone	9.95	82	214874	35.72	ng		99
26) 2-Nitrophenol	10.14	139	52003	46.29	ng		99
27) 2,4-Dimethylphenol	10.19	122	91169	35.72	ng		96
28) bis(2-Chloroethoxy)methane	10.42	93	116548	36.47	ng		92
29) 2,4-Dichlorophenol	10.68	162	91017	41.83	ng		97
30) 1,2,4-Trichlorobenzene	10.89	180	95078	40.64	ng		93
31) Naphthalene	11.09	128	293542	38.83	ng	#	95
32) Benzoic acid	10.33	122	71155m	48.54	ng		
33) 4-Chloroaniline	11.19	127	127330	38.91	ng		99
34) Hexachlorobutadiene	11.36	225	61872	41.00	ng		97
35) Caprolactam	11.97	113	38129	38.30	ng		93
36) 4-Chloro-3-methylphenol	12.29	107	111762	40.85	ng		99
37) 2-Methylnaphthalene	12.67	142	208183	40.12	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	115989	40.21	ng		99
40) Hexachlorocyclopentadiene	13.01	237	57513	35.89	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.27	196	78366	42.60	ng	99
43) 2,4,5-Trichlorophenol	13.34	196	83295	41.97	ng	98
45) 1,1'-Biphenyl	13.66	154	296885	38.18	ng	97
46) 2-Chloronaphthalene	13.71	162	225627	39.24	ng	99
47) 2-Nitroaniline	13.91	65	81391	41.28	ng	98
48) Acenaphthylene	14.55	152	372622	39.20	ng	98
49) Dimethylphthalate	14.27	163	296296	37.13	ng	99
50) 2,6-Dinitrotoluene	14.39	165	66195	43.50	ng	99
51) Acenaphthene	14.89	154	241046	39.66	ng	98
52) 3-Nitroaniline	14.73	138	70432	41.74	ng	96
53) 2,4-Dinitrophenol	14.92	184	25809	47.44	ng	87
54) Dibenzofuran	15.22	168	330330	39.81	ng	100
55) 4-Nitrophenol	15.03	139	60295	41.73	ng	94
56) 2,4-Dinitrotoluene	15.18	165	94668	46.03	ng	99
57) Fluorene	15.86	166	300232	40.51	ng	100
58) 2,3,4,6-Tetrachlorophenol	15.44	232	72748	44.17	ng	100
59) Diethylphthalate	15.62	149	318215	38.20	ng	98
60) 4-Chlorophenyl-phenylether	15.85	204	150488	41.23	ng	96
61) 4-Nitroaniline	15.88	138	75964	40.91	ng	98
62) Azobenzene	16.14	77	276397	38.72	ng	99
64) 4,6-Dinitro-2-methylphenol	15.93	198	44872	48.67	ng	98
65) n-Nitrosodiphenylamine	16.06	169	259352	39.13	ng	99
66) 4-Bromophenyl-phenylether	16.74	248	97692	41.26	ng	96
67) Hexachlorobenzene	16.86	284	104877	41.96	ng	93
68) Atrazine	17.00	200	101633	38.83	ng	98
69) Pentachlorophenol	17.20	266	51535	36.11	ng	96
70) Phenanthrene	17.60	178	474459	38.95	ng	99
71) Anthracene	17.69	178	480690	38.87	ng	97
72) Carbazole	17.96	167	423892	36.73	ng	99
73) Di-n-butylphthalate	18.50	149	549029	37.40	ng	100
74) Fluoranthene	19.59	202	533072	36.65	ng	98
76) Benzidine	19.76	184	267809	36.03	ng	98
77) Pyrene	19.95	202	543910	39.52	ng	99
79) Butylbenzylphthalate	20.82	149	254617	39.85	ng	99
80) Benzo(a)anthracene	21.81	228	535846	39.00	ng	98
81) 3,3'-Dichlorobenzidine	21.72	252	430534	39.59	ng	99
82) Chrysene	21.88	228	515832	39.08	ng	99
83) Bis(2-ethylhexyl)phthalate	21.70	149	364731	39.03	ng	99
84) Di-n-octyl phthalate	22.94	149	624027	39.86	ng	99
85) Indeno(1,2,3-cd)pyrene	28.98	276	646265	41.19	ng	98
87) Benzo(b)fluoranthene	24.10	252	534002	38.79	ng	98
88) Benzo(k)fluoranthene	24.17	252	525631	39.05	ng	98
89) Benzo(a)pyrene	25.01	252	528353	39.61	ng	98
90) Dibenzo(a,h)anthracene	29.06	278	541246	40.48	ng	100
91) Benzo(g,h,i)perylene	30.18	276	524453	39.97	ng	97

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

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