Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122117\
Data File : BG031687.D
Acq On : 21 Dec 2017 23:44
Operator : SJ/JU
Sample : I6681-02MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-01-121917-AMSD

Manual Integrations APPROVED
Sohil
12/22/2017 12:44:16 PM

Quant Time: Dec 22 04:24:45 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 03:38:35 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.83	152	54416m	20.00	ng		-0.01
21) Naphthalene-d8	11.72	136	228393	20.00	ng		0.00
38) Acenaphthene-d10	15.46	164	163076	20.00	ng		0.00
63) Phenanthrene-d10	18.20	188	426920	20.00	ng		0.00
75) Chrysene-d12	22.57	240	473129	20.00	ng		0.00
86) Perylene-d12	26.36	264	521617	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.25	112	403979	135.22	ng		0.00
7) Phenol-d6	7.93	99	491405	126.69	ng		0.00
23) Nitrobenzene-d5	10.03	82	293364	96.99	ng		-0.01
41) 2,4,6-Tribromophenol	16.94	330	387151	155.59	ng		0.00
44) 2-Fluorobiphenyl	14.09	172	1082283	83.30	ng		0.00
78) Terphenyl-d14	20.73	244	1963892	94.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.90	88	37498	33.859	ng	#	77
3) Pyridine	4.36	79	85389	28.845	ng	#	77
4) n-Nitrosodimethylamine	4.25	42	48997	41.017	ng	#	82
6) Aniline	8.12	93	77622	15.554	ng		97
8) 2-Chlorophenol	8.38	128	163222	47.098	ng	#	80
9) Benzaldehyde	7.92	77	41932m	17.953	ng		
10) Phenol	7.96	94	166695	42.566	ng		89
11) bis(2-Chloroethyl)ether	8.21	93	133504m	41.049	ng		
12) 1,3-Dichlorobenzene	8.72	146	176072m	40.912	ng		
13) 1,4-Dichlorobenzene	8.86	146	180267m	41.005	ng		
14) 1,2-Dichlorobenzene	9.20	146	172896	41.506	ng		93
15) Benzyl Alcohol	9.06	79	138014	47.397	ng		87
16) 2,2'-oxybis(1-Chloropropan	9.36	45	140348	52.990	ng		83
17) 2-Methylphenol	9.26	107	131900	47.072	ng		96
18) Hexachloroethane	9.96	117	54868m	41.208	ng		
19) n-Nitroso-di-n-propylamine	9.65	70	108562m	40.981	ng		
20) 3+4-Methylphenols	9.60	107	184071	46.220	ng		95
22) Acetophenone	9.67	105	239425	45.121	ng	#	85
24) Nitrobenzene	10.07	77	149303	47.896	ng	#	85
25) Isophorone	10.60	82	307628	47.247	ng	#	86
26) 2-Nitrophenol	10.80	139	88702	54.271	ng	#	78
27) 2,4-Dimethylphenol	10.83	122	178065	51.774	ng		91
28) bis(2-Chloroethoxy)methane	11.08	93	194776	44.583	ng	#	93
29) 2,4-Dichlorophenol	11.34	162	206303	51.095	ng		91
30) 1,2,4-Trichlorobenzene	11.57	180	211737	42.950	ng		99
31) Naphthalene	11.77	128	537794	46.657	ng		99
32) Benzoic acid	10.96	122	110647	47.292	ng	#	75
33) 4-Chloroaniline	11.85	127	26716	5.206	ng	#	87
34) Hexachlorobutadiene	12.04	225	139776	41.299	ng		95
35) Caprolactam	12.61	113	53695	43.873	ng	#	43
36) 4-Chloro-3-methylphenol	12.92	107	189969	50.944	ng	#	83
37) 2-Methylnaphthalene	13.33	142	429288	45.942	ng		91
39) 1,2,4,5-Tetrachlorobenzene	13.68	216	290679	42.318	ng	#	97
40) Hexachlorocyclopentadiene	13.66	237	353605	97.584	ng		92

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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	13.91	196	192859	48.698 ng		99
43) 2,4,5-Trichlorophenol	13.98	196	214857	48.955 ng	#	90
45) 1,1'-Biphenyl	14.30	154	625716	44.924 ng		96
46) 2-Chloronaphthalene	14.36	162	463462	43.625 ng		95
47) 2-Nitroaniline	14.53	65	98049	53.438 ng	#	73
48) Acenaphthylene	15.19	152	730154	42.960 ng		99
49) Dimethylphthalate	14.90	163	650716	45.294 ng		99
50) 2,6-Dinitrotoluene	15.02	165	144077	54.516 ng	#	67
51) Acenaphthene	15.53	154	546736	49.117 ng		95
52) 3-Nitroaniline	15.34	138	38462	14.917 ng	#	67
53) 2,4-Dinitrophenol	15.55	184	161097	137.428 ng	#	59
54) Dibenzofuran	15.86	168	776497	45.507 ng		98
55) 4-Nitrophenol	15.63	139	214186	102.060 ng	#	68
56) 2,4-Dinitrotoluene	15.80	165	203764	59.960 ng	#	62
57) Fluorene	16.50	166	626375	45.188 ng		98
58) 2,3,4,6-Tetrachlorophenol	16.07	232	225433	52.647 ng	#	84
59) Diethylphthalate	16.24	149	637089	45.498 ng		96
60) 4-Chlorophenyl-phenylether	16.48	204	375785	44.307 ng		92
61) 4-Nitroaniline	16.50	138	99872	39.692 ng		81
62) Azobenzene	16.78	77	416026	46.328 ng		83
64) 4,6-Dinitro-2-methylphenol	16.55	198	102425	49.089 ng	#	67
65) n-Nitrosodiphenylamine	16.69	169	595391	41.991 ng		99
66) 4-Bromophenyl-phenylether	17.38	248	280447	45.428 ng		92
67) Hexachlorobenzene	17.50	284	287342	45.531 ng	#	89
68) Atrazine	17.62	200	244066	44.268 ng		98
69) Pentachlorophenol	17.84	266	395078	91.015 ng		99
70) Phenanthrene	18.24	178	1089655	45.101 ng		98
71) Anthracene	18.34	178	1111962	45.625 ng		99
72) Carbazole	18.59	167	967949	44.872 ng		100
73) Di-n-butylphthalate	19.10	149	1098876	45.839 ng		99
74) Fluoranthene	20.20	202	1364457	46.027 ng		96
76) Benzidine	20.36	184	210376	14.406 ng		99
77) Pyrene	20.56	202	1363459	45.115 ng		97
79) Butylbenzylphthalate	21.44	149	483610	47.668 ng	#	76
80) Benzo(a)anthracene	22.54	228	1380330	45.864 ng		98
81) 3,3'-Dichlorobenzidine	22.42	252	271088	23.232 ng	#	98
82) Chrysene	22.62	228	1293478	45.423 ng		97
83) Bis(2-ethylhexyl)phthalate	22.41	149	676919	46.054 ng	#	97
84) Di-n-octyl phthalate	23.83	149	1178242	47.597 ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.77	276	1803512	49.368 ng	#	88
87) Benzo(b)fluoranthene	25.14	252	1494354	46.152 ng	#	97
88) Benzo(k)fluoranthene	25.22	252	1440265	44.447 ng	#	96
89) Benzo(a)pyrene	26.18	252	1444055	46.567 ng	#	97
90) Dibenzo(a,h)anthracene	30.86	278	1504909	46.989 ng	#	96
91) Benzo(g,h,i)perylene	30.77	276	1803512	47.696 ng	#	93

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

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