Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121317\
Data File : BG031538.D
Acq On : 13 Dec 2017 21:37
Operator : SJ/JU
Sample : I6676-06MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 14 00:43:16 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 17:25:55 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
OK-03-121217MS

Manual Integrations APPROVED
Sohil
12/15/2017 7:48:00 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	51264	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	219141	20.00	ng		0.00
38) Acenaphthene-d10	14.73	164	161482	20.00	ng		0.00
63) Phenanthrene-d10	17.47	188	464319	20.00	ng		0.00
75) Chrysene-d12	21.75	240	527012	20.00	ng		0.00
86) Perylene-d12	25.03	264	520755	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	418587	144.73	ng		0.00
7) Phenol-d6	7.28	99	514477	128.14	ng		0.01
23) Nitrobenzene-d5	9.27	82	340197	95.69	ng		0.00
41) 2,4,6-Tribromophenol	16.22	330	330714	174.81	ng		0.00
44) 2-Fluorobiphenyl	13.35	172	977098	88.82	ng		0.00
78) Terphenyl-d14	20.07	244	2143408	92.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	50135	36.331	ng	#	82
3) Pyridine	3.93	79	93229	25.660	ng		88
4) n-Nitrosodimethylamine	3.83	42	64689	37.800	ng	#	91
6) Aniline	7.43	93	56664	10.717	ng		97
8) 2-Chlorophenol	7.68	128	146247	45.333	ng		91
9) Benzaldehyde	7.24	77	77281	33.207	ng		89
10) Phenol	7.31	94	168002	40.733	ng		94
11) bis(2-Chloroethyl)ether	7.52	93	135889	40.367	ng		88
12) 1,3-Dichlorobenzene	7.99	146	158774	41.386	ng		96
13) 1,4-Dichlorobenzene	8.14	146	161124	40.411	ng		92
14) 1,2-Dichlorobenzene	8.46	146	154276	40.619	ng		99
15) Benzyl Alcohol	8.35	79	130401	41.519	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.63	45	200712	53.072	ng		92
17) 2-Methylphenol	8.56	107	124605	44.320	ng		97
18) Hexachloroethane	9.19	117	56154	41.781	ng		96
19) n-Nitroso-di-n-propylamine	8.91	70	110698	35.029	ng	#	97
20) 3+4-Methylphenols	8.89	107	174851	41.747	ng		97
22) Acetophenone	8.93	105	231415	44.019	ng	#	94
24) Nitrobenzene	9.32	77	164747	45.220	ng		91
25) Isophorone	9.84	82	319541	47.557	ng	#	91
26) 2-Nitrophenol	10.03	139	85607	47.520	ng		90
27) 2,4-Dimethylphenol	10.09	122	153169	55.969	ng		92
28) bis(2-Chloroethoxy)methane	10.31	93	193108	44.517	ng		95
29) 2,4-Dichlorophenol	10.58	162	170092	52.754	ng		90
30) 1,2,4-Trichlorobenzene	10.78	180	182049	44.202	ng		96
31) Naphthalene	10.97	128	467987	43.470	ng		97
32) Benzoic acid	10.26	122	74408m	46.603	ng		
33) 4-Chloroaniline	11.11	127	9991	2.137	ng	#	91
34) Hexachlorobutadiene	11.25	225	115349	42.223	ng		96
35) Caprolactam	11.86	113	60353m	47.670	ng		
36) 4-Chloro-3-methylphenol	12.21	107	186468	50.665	ng	#	83
37) 2-Methylnaphthalene	12.57	142	370203	44.412	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	246555	39.067	ng		96
40) Hexachlorocyclopentadiene	12.91	237	124431	63.911	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	161187	49.989	ng		99
43) 2,4,5-Trichlorophenol	13.26	196	179825	51.773	ng		95
45) 1,1'-Biphenyl	13.56	154	537810	40.549	ng		95
46) 2-Chloronaphthalene	13.61	162	420209	43.287	ng		96
47) 2-Nitroaniline	13.82	65	121034	44.370	ng	#	79
48) Acenaphthylene	14.46	152	657160	42.072	ng		98
49) Dimethylphthalate	14.18	163	626188	46.839	ng		99
50) 2,6-Dinitrotoluene	14.31	165	142988	50.038	ng	#	72
51) Acenaphthene	14.80	154	412548	41.770	ng		97
52) 3-Nitroaniline	14.66	138	17363	5.961	ng	#	78
53) 2,4-Dinitrophenol	14.86	184	124662	101.762	ng	#	48
54) Dibenzofuran	15.13	168	698081	44.292	ng		99
55) 4-Nitrophenol	14.97	139	198642	99.995	ng	#	78
56) 2,4-Dinitrotoluene	15.10	165	214689	52.896	ng	#	74
57) Fluorene	15.78	166	578465	45.806	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.36	232	182060	55.765	ng	#	91
59) Diethylphthalate	15.53	149	644022	48.059	ng		98
60) 4-Chlorophenyl-phenylether	15.76	204	336598	43.565	ng		91
61) 4-Nitroaniline	15.81	138	120718	39.490	ng		85
62) Azobenzene	16.05	77	500415	45.079	ng		93
64) 4,6-Dinitro-2-methylphenol	15.87	198	112166	40.738	ng		76
65) n-Nitrosodiphenylamine	15.98	169	539607	39.704	ng		98
66) 4-Bromophenyl-phenylether	16.65	248	235736	43.661	ng		97
67) Hexachlorobenzene	16.78	284	240415	43.121	ng		95
68) Atrazine	16.92	200	184085	37.044	ng		95
69) Pentachlorophenol	17.13	266	214962	80.195	ng		98
70) Phenanthrene	17.52	178	1069668	44.111	ng		98
71) Anthracene	17.61	178	1095297	45.669	ng		98
72) Carbazole	17.88	167	978657	45.092	ng		99
73) Di-n-butylphthalate	18.41	149	1205231	48.087	ng		99
74) Fluoranthene	19.52	202	1406447	46.344	ng		97
77) Pyrene	19.88	202	1439221	43.951	ng		96
79) Butylbenzylphthalate	20.74	149	549467	47.830	ng		85
80) Benzo(a)anthracene	21.72	228	1424328	44.776	ng		98
81) 3,3'-Dichlorobenzidine	21.64	252	49766	4.495	ng		93
82) Chrysene	21.79	228	1356700	44.489	ng		96
83) Bis(2-ethylhexyl)phthalate	21.60	149	770535	46.621	ng		100
84) Di-n-octyl phthalate	22.82	149	1316421	48.287	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.81	276	1543345	47.356	ng	#	53
87) Benzo(b)fluoranthene	23.99	252	1418922	45.575	ng		99
88) Benzo(k)fluoranthene	24.06	252	1396539	43.955	ng		98
89) Benzo(a)pyrene	24.89	252	1371963	46.454	ng		97
90) Dibenzo(a,h)anthracene	28.86	278	1317368	46.645	ng		98
91) Benzo(g,h,i)perylene	30.00	276	1252242	45.100	ng		99

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

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