Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120117\
Data File : BG031321.D
Acq On : 1 Dec 2017 17:09
Operator : SJ/JU
Sample : I6289-10MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-03-112917MSD

Manual Integrations APPROVED
Sohil
12/4/2017 12:00:07 PM

Quant Time: Dec 02 03:32:32 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	74372	20.00	ng		-0.02
21) Naphthalene-d8	10.94	136	314157	20.00	ng		-0.02
38) Acenaphthene-d10	14.75	164	201539	20.00	ng		-0.02
63) Phenanthrene-d10	17.49	188	518660	20.00	ng		-0.02
75) Chrysene-d12	21.77	240	570997	20.00	ng		-0.02
86) Perylene-d12	25.06	264	572359	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	535106	123.38	ng		-0.02
7) Phenol-d6	7.30	99	625684	107.08	ng		0.00
23) Nitrobenzene-d5	9.30	82	434726	82.00	ng		-0.02
41) 2,4,6-Tribromophenol	16.24	330	354971	108.88	ng		-0.01
44) 2-Fluorobiphenyl	13.38	172	1187239	84.65	ng		-0.02
78) Terphenyl-d14	20.09	244	2134909	82.56	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	60880	34.59	ng		85
3) Pyridine	3.96	79	149492	29.26	ng		86
4) n-Nitrosodimethylamine	3.86	42	82642	34.13	ng	#	91
6) Aniline	7.45	93	80933	10.52	ng		92
8) 2-Chlorophenol	7.70	128	204818	42.79	ng		85
9) Benzaldehyde	7.27	77	73055	17.87	ng		81
10) Phenol	7.32	94	223436	36.82	ng		93
11) bis(2-Chloroethyl)ether	7.54	93	192169	39.66	ng		89
12) 1,3-Dichlorobenzene	8.02	146	224956	40.06	ng		94
13) 1,4-Dichlorobenzene	8.16	146	226622	39.82	ng		95
14) 1,2-Dichlorobenzene	8.49	146	218424	39.99	ng		97
15) Benzyl Alcohol	8.37	79	174323	37.19	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.65	45	276802	51.72	ng		92
17) 2-Methylphenol	8.58	107	169391	40.09	ng		98
18) Hexachloroethane	9.22	117	78577	39.67	ng		92
19) n-Nitroso-di-n-propylamine	8.93	70	150631	33.90	ng	#	92
20) 3+4-Methylphenols	8.91	107	231056	38.45	ng		94
22) Acetophenone	8.96	105	296208	37.87	ng	#	91
24) Nitrobenzene	9.34	77	223857	41.34	ng		93
25) Isophorone	9.86	82	425841	41.19	ng	#	90
26) 2-Nitrophenol	10.06	139	124375	44.06	ng	#	86
27) 2,4-Dimethylphenol	10.11	122	198446	47.35	ng		92
28) bis(2-Chloroethoxy)methane	10.34	93	267288	41.04	ng		97
29) 2,4-Dichlorophenol	10.60	162	226390	44.99	ng		91
30) 1,2,4-Trichlorobenzene	10.81	180	256945	42.77	ng		95
31) Naphthalene	11.00	128	648886	42.02	ng		99
32) Benzoic acid	10.27	122	71267	23.67	ng	#	81
33) 4-Chloroaniline	11.13	127	13917	2.06	ng	#	91
34) Hexachlorobutadiene	11.27	225	164622	39.51	ng		96
35) Caprolactam	11.88	113	60976m	29.66	ng		
36) 4-Chloro-3-methylphenol	12.22	107	224935	41.07	ng	#	87
37) 2-Methylnaphthalene	12.59	142	501248	42.04	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	301109	37.64	ng		97
40) Hexachlorocyclopentadiene	12.93	237	268943	89.46	ng		92

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Quant Time: Dec 02 03:32:32 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
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	13.19	196	203126	44.42	ng		100
43) 2,4,5-Trichlorophenol	13.28	196	216603	43.29	ng	#	93
45) 1,1'-Biphenyl	13.59	154	646697	38.70	ng		97
46) 2-Chloronaphthalene	13.63	162	533736	44.26	ng		96
47) 2-Nitroaniline	13.84	65	145191	40.62	ng	#	76
48) Acenaphthylene	14.47	152	809507	41.02	ng		98
49) Dimethylphthalate	14.20	163	717096	41.15	ng		98
50) 2,6-Dinitrotoluene	14.33	165	165016	45.94	ng	#	72
51) Acenaphthene	14.82	154	511353	41.49	ng		99
52) 3-Nitroaniline	14.66	138	41666	10.93	ng	#	79
53) 2,4-Dinitrophenol	14.87	184	182224	91.32	ng	#	46
54) Dibenzofuran	15.15	168	849730	43.28	ng		99
55) 4-Nitrophenol	14.99	139	211392	77.81	ng	#	76
56) 2,4-Dinitrotoluene	15.12	165	236651	45.58	ng	#	72
57) Fluorene	15.80	166	673580	42.26	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.38	232	219497	46.03	ng	#	89
59) Diethylphthalate	15.55	149	712174	40.23	ng		98
60) 4-Chlorophenyl-phenylether	15.78	204	399950	41.55	ng		92
61) 4-Nitroaniline	15.83	138	156740	38.81	ng		84
62) Azobenzene	16.07	77	555008	41.11	ng		92
64) 4,6-Dinitro-2-methylphenol	15.88	198	131663	38.19	ng	#	74
65) n-Nitrosodiphenylamine	16.00	169	635303	40.42	ng		99
66) 4-Bromophenyl-phenylether	16.67	248	267839	40.77	ng		98
67) Hexachlorobenzene	16.80	284	274700	39.36	ng		96
68) Atrazine	16.94	200	260893	40.23	ng		99
69) Pentachlorophenol	17.15	266	284056	73.62	ng		97
70) Phenanthrene	17.54	178	1157780	42.87	ng		97
71) Anthracene	17.62	178	1170126	43.24	ng		99
72) Carbazole	17.89	167	1089305	42.96	ng		98
73) Di-n-butylphthalate	18.43	149	1248382	40.10	ng		99
74) Fluoranthene	19.53	202	1476363	43.18	ng		97
76) Benzidine	19.72	184	187301	10.21	ng		98
77) Pyrene	19.90	202	1506824	44.47	ng		96
79) Butylbenzylphthalate	20.76	149	593483	43.93	ng	#	83
80) Benzo(a)anthracene	21.75	228	1510940	42.60	ng		98
81) 3,3'-Dichlorobenzidine	21.65	252	307141	21.45	ng	#	97
82) Chrysene	21.81	228	1410768	43.00	ng		96
83) Bis(2-ethylhexyl)phthalate	21.62	149	828022	42.46	ng		100
84) Di-n-octyl phthalate	22.85	149	1390459	43.81	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.86	276	1676442	42.03	ng		98
87) Benzo(b)fluoranthene	24.02	252	1502609	43.40	ng		98
88) Benzo(k)fluoranthene	24.09	252	1486356	43.31	ng		97
89) Benzo(a)pyrene	24.91	252	1461625	44.44	ng		99
90) Dibenzo(a,h)anthracene	28.91	278	1389588	41.34	ng		97
91) Benzo(g,h,i)perylene	30.03	276	1394477	42.74	ng		98

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

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