Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121517\
Data File : BG031601.D
Acq On : 15 Dec 2017 23:21
Operator : SJ/JU
Sample : I6830-05MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MAP-5-E(15-16)MSD

Manual Integrations APPROVED
Sohil
12/18/2017 5:07:50 PM

Quant Time: Dec 18 16:34:33 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

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	72406	20.00	ng		-0.01
21) Naphthalene-d8	10.91	136	318768	20.00	ng		0.00
38) Acenaphthene-d10	14.73	164	222073	20.00	ng		0.00
63) Phenanthrene-d10	17.47	188	570031	20.00	ng		0.00
75) Chrysene-d12	21.74	240	626859	20.00	ng		0.00
86) Perylene-d12	25.02	264	562635	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	536764	131.40	ng		0.00
7) Phenol-d6	7.27	99	702800	123.93	ng		0.00
23) Nitrobenzene-d5	9.27	82	408018	78.89	ng		0.00
41) 2,4,6-Tribromophenol	16.21	330	346445	133.16	ng		0.00
44) 2-Fluorobiphenyl	13.35	172	1134970	75.02	ng		0.00
78) Terphenyl-d14	20.06	244	2038664	73.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	57361	29.430	ng	#	80
3) Pyridine	3.90	79	157309	30.654	ng		87
4) n-Nitrosodimethylamine	3.82	42	80546	33.323	ng	#	95
6) Aniline	7.42	93	176201	23.594	ng		91
8) 2-Chlorophenol	7.66	128	190036	41.707	ng		89
9) Benzaldehyde	7.24	77	123070	37.441	ng		88
10) Phenol	7.30	94	345433	59.297	ng		93
11) bis(2-Chloroethyl)ether	7.51	93	164965	34.695	ng		88
12) 1,3-Dichlorobenzene	7.99	146	199883m	36.888	ng		
13) 1,4-Dichlorobenzene	8.13	146	199761	35.472	ng		97
14) 1,2-Dichlorobenzene	8.45	146	194825	36.317	ng		97
15) Benzyl Alcohol	8.34	79	158678	35.770	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.62	45	244901	45.848	ng		91
17) 2-Methylphenol	8.55	107	167332	42.138	ng		95
18) Hexachloroethane	9.18	117	68706	36.194	ng		89
19) n-Nitroso-di-n-propylamine	8.90	70	138005	30.919	ng	#	92
20) 3+4-Methylphenols	8.88	107	238166	40.261	ng		94
22) Acetophenone	8.92	105	285965	37.395	ng	#	94
24) Nitrobenzene	9.31	77	204087	38.510	ng	#	88
25) Isophorone	9.83	82	384682	39.359	ng	#	91
26) 2-Nitrophenol	10.03	139	113205	43.199	ng	#	89
27) 2,4-Dimethylphenol	10.08	122	189755	47.667	ng		92
28) bis(2-Chloroethoxy)methane	10.30	93	242615	38.450	ng		95
29) 2,4-Dichlorophenol	10.57	162	218292	46.543	ng		93
30) 1,2,4-Trichlorobenzene	10.77	180	229333	38.280	ng		98
31) Naphthalene	10.96	128	595814	38.046	ng		99
33) 4-Chloroaniline	11.08	127	93397	13.736	ng	#	91
34) Hexachlorobutadiene	11.24	225	143574	36.129	ng		95
35) Caprolactam	11.85	113	79901m	43.385	ng		
36) 4-Chloro-3-methylphenol	12.20	107	217363	40.601	ng		88
37) 2-Methylnaphthalene	12.56	142	458959	37.852	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	305101	35.153	ng		96
40) Hexachlorocyclopentadiene	12.90	237	165273	62.427	ng		96
42) 2,4,6-Trichlorophenol	13.17	196	188868	42.593	ng		98

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Quant Time: Dec 18 16:34:33 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG121117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.26	196	203295	42.560	ng	#	94
45) 1,1'-Biphenyl	13.56	154	640314	35.106	ng		95
46) 2-Chloronaphthalene	13.60	162	495684	37.130	ng		96
47) 2-Nitroaniline	13.82	65	141357	37.682	ng	#	76
48) Acenaphthylene	14.45	152	756158	35.201	ng		99
49) Dimethylphthalate	14.17	163	773844	42.090	ng		100
50) 2,6-Dinitrotoluene	14.30	165	158672	40.377	ng	#	74
51) Acenaphthene	14.79	154	472690	34.801	ng		99
52) 3-Nitroaniline	14.64	138	94990	23.712	ng	#	75
53) 2,4-Dinitrophenol	14.86	184	59049	40.984	ng	#	48
54) Dibenzofuran	15.12	168	788211	36.366	ng		99
55) 4-Nitrophenol	14.97	139	227390	83.829	ng	#	80
56) 2,4-Dinitrotoluene	15.10	165	229469	41.112	ng	#	74
57) Fluorene	15.77	166	625470	36.015	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.36	232	205457	45.761	ng	#	88
59) Diethylphthalate	15.53	149	677517	36.764	ng		98
60) 4-Chlorophenyl-phenylether	15.75	204	374565	35.252	ng		91
61) 4-Nitroaniline	15.80	138	164611	39.157	ng		87
62) Azobenzene	16.05	77	530514	34.751	ng		92
64) 4,6-Dinitro-2-methylphenol	15.87	198	114046	34.583	ng	#	74
65) n-Nitrosodiphenylamine	15.97	169	602132	36.088	ng		99
66) 4-Bromophenyl-phenylether	16.65	248	249555	37.649	ng		99
67) Hexachlorobenzene	16.78	284	254131	37.128	ng		95
68) Atrazine	16.91	200	263894	43.256	ng		97
69) Pentachlorophenol	17.13	266	207747	64.335	ng		98
70) Phenanthrene	17.51	178	1085389	36.459	ng		98
71) Anthracene	17.60	178	1103357	37.474	ng		98
72) Carbazole	17.87	167	1055172	39.601	ng		99
73) Di-n-butylphthalate	18.40	149	1180311	38.359	ng		99
74) Fluoranthene	19.52	202	1430883	38.406	ng		96
76) Benzidine	19.69	184	551129	37.779	ng		98
77) Pyrene	19.87	202	1450529	37.240	ng		96
79) Butylbenzylphthalate	20.74	149	555286	40.638	ng		84
80) Benzo(a)anthracene	21.72	228	1414559	37.386	ng		98
81) 3,3'-Dichlorobenzidine	21.62	252	395537	30.037	ng		99
82) Chrysene	21.79	228	1336263	36.840	ng		97
83) Bis(2-ethylhexyl)phthalate	21.59	149	764231	38.875	ng		99
84) Di-n-octyl phthalate	22.81	149	1230261	37.939	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.80	276	1337781	34.510	ng		98
87) Benzo(b)fluoranthene	23.97	252	1307297	38.864	ng		99
88) Benzo(k)fluoranthene	24.05	252	1273792	37.107	ng		98
89) Benzo(a)pyrene	24.87	252	1240342	38.871	ng		99
90) Dibenzo(a,h)anthracene	28.83	278	1120127	36.709	ng		98
91) Benzo(g,h,i)perylene	29.97	276	1183988	39.468	ng		99

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

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