Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120617\
Data File : BG031380.D
Acq On : 6 Dec 2017 20:50
Operator : SJ/JU
Sample : I6718-03MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
2041MSD

Manual Integrations APPROVED
Sohil
12/7/2017 11:37:29 AM

Quant Time: Dec 07 03:33:35 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 17:58:37 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	71300	20.00	ng		0.00
21) Naphthalene-d8	10.94	136	305480	20.00	ng		0.00
38) Acenaphthene-d10	14.75	164	201114	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	518775	20.00	ng		0.00
75) Chrysene-d12	21.77	240	565047	20.00	ng		0.00
86) Perylene-d12	25.07	264	551721	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	566850	136.33	ng		0.00
7) Phenol-d6	7.30	99	693629	123.82	ng		0.00
23) Nitrobenzene-d5	9.30	82	472582	91.67	ng		0.00
41) 2,4,6-Tribromophenol	16.24	330	362665	111.47	ng		0.00
44) 2-Fluorobiphenyl	13.37	172	1302696	93.07	ng		0.00
78) Terphenyl-d14	20.08	244	2223294	86.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	65265	38.679	ng		84
3) Pyridine	3.96	79	140305	28.642	ng		89
4) n-Nitrosodimethylamine	3.87	42	93613	40.322	ng	#	95
6) Aniline	7.45	93	96162	13.044	ng		94
8) 2-Chlorophenol	7.70	128	215819	47.034	ng		88
9) Benzaldehyde	7.26	77	63755	16.264	ng		89
10) Phenol	7.33	94	247260	42.503	ng		94
11) bis(2-Chloroethyl)ether	7.54	93	203754	43.866	ng		91
12) 1,3-Dichlorobenzene	8.01	146	231509	43.002	ng		95
13) 1,4-Dichlorobenzene	8.16	146	237651	43.562	ng		95
14) 1,2-Dichlorobenzene	8.48	146	224847	42.940	ng		96
15) Benzyl Alcohol	8.37	79	186647	41.539	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.65	45	301280	58.722	ng		94
17) 2-Methylphenol	8.58	107	180833	44.639	ng		96
18) Hexachloroethane	9.21	117	84271	44.382	ng		93
19) n-Nitroso-di-n-propylamine	8.93	70	161963	38.026	ng	#	95
20) 3+4-Methylphenols	8.91	107	247423	42.953	ng		94
22) Acetophenone	8.95	105	312904	41.138	ng	#	93
24) Nitrobenzene	9.34	77	242400	46.031	ng		91
25) Isophorone	9.86	82	455403	45.295	ng	#	93
26) 2-Nitrophenol	10.05	139	126548	46.103	ng	#	88
27) 2,4-Dimethylphenol	10.11	122	208226	51.098	ng		93
28) bis(2-Chloroethoxy)methane	10.34	93	284588	44.942	ng		95
29) 2,4-Dichlorophenol	10.60	162	243412	49.743	ng		91
30) 1,2,4-Trichlorobenzene	10.81	180	266022	45.534	ng		98
31) Naphthalene	10.99	128	674038	44.885	ng		98
32) Benzoic acid	10.25	122	18042	10.350	ng		92
33) 4-Chloroaniline	11.12	127	19257	2.929	ng		95
34) Hexachlorobutadiene	11.27	225	174577	43.087	ng		96
35) Caprolactam	11.89	113	66377	33.205	ng	#	81
36) 4-Chloro-3-methylphenol	12.23	107	246757	46.331	ng		89
37) 2-Methylnaphthalene	12.59	142	518738	44.747	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	318051	39.846	ng		97
40) Hexachlorocyclopentadiene	12.93	237	283756	93.971	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	218184	47.815	ng		99
43) 2,4,5-Trichlorophenol	13.28	196	230551	46.178	ng		92
45) 1,1'-Biphenyl	13.58	154	681473	40.863	ng		97
46) 2-Chloronaphthalene	13.63	162	571690	47.512	ng		96
47) 2-Nitroaniline	13.84	65	163549	45.858	ng	#	81
48) Acenaphthylene	14.48	152	855735	43.452	ng		98
49) Dimethylphthalate	14.20	163	752415	43.269	ng		98
50) 2,6-Dinitrotoluene	14.32	165	172774	48.205	ng	#	80
51) Acenaphthene	14.81	154	529992	43.090	ng		98
52) 3-Nitroaniline	14.67	138	47834	12.569	ng	#	78
53) 2,4-Dinitrophenol	14.88	184	48197	28.516	ng	#	47
54) Dibenzofuran	15.15	168	886145	45.232	ng		99
55) 4-Nitrophenol	14.99	139	201037	74.157	ng	#	79
56) 2,4-Dinitrotoluene	15.12	165	245270	47.335	ng	#	76
57) Fluorene	15.79	166	711874	44.757	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.38	232	229689	48.271	ng	#	91
59) Diethylphthalate	15.55	149	756014	42.801	ng		98
60) 4-Chlorophenyl-phenylether	15.78	204	428011	44.557	ng		93
61) 4-Nitroaniline	15.82	138	167707	41.616	ng		94
62) Azobenzene	16.07	77	618317	45.900	ng		96
64) 4,6-Dinitro-2-methylphenol	15.89	198	65599	19.024	ng		79
65) n-Nitrosodiphenylamine	15.99	169	649552	41.320	ng		100
66) 4-Bromophenyl-phenylether	16.67	248	285479	43.449	ng		95
67) Hexachlorobenzene	16.80	284	282906	40.522	ng		96
68) Atrazine	16.94	200	270920	41.770	ng		95
69) Pentachlorophenol	17.15	266	206102	53.406	ng		99
70) Phenanthrene	17.53	178	1208408	44.738	ng		97
71) Anthracene	17.63	178	1231809	45.513	ng		98
72) Carbazole	17.90	167	1115984	44.006	ng		98
73) Di-n-butylphthalate	18.43	149	1309728	42.063	ng		99
74) Fluoranthene	19.54	202	1547350	45.245	ng		97
76) Benzidine	19.72	184	114166m	6.290	ng		
77) Pyrene	19.90	202	1570574	46.841	ng		95
79) Butylbenzylphthalate	20.76	149	611987	45.777	ng		86
80) Benzo(a)anthracene	21.75	228	1569896	44.728	ng		98
81) 3,3'-Dichlorobenzidine	21.65	252	266367	18.801	ng		99
82) Chrysene	21.82	228	1477954	45.521	ng		95
83) Bis(2-ethylhexyl)phthalate	21.62	149	846089	43.844	ng		99
84) Di-n-octyl phthalate	22.84	149	1421733	45.264	ng	#	95
85) Indeno(1,2,3-cd)pyrene	28.86	276	1692620	42.883	ng		99
87) Benzo(b)fluoranthene	24.02	252	1556637	46.643	ng		99
88) Benzo(k)fluoranthene	24.08	252	1539248	46.531	ng		98
89) Benzo(a)pyrene	24.91	252	1518936	47.909	ng		99
90) Dibenzo(a,h)anthracene	28.91	278	1420796	43.844	ng		97
91) Benzo(g,h,i)perylene	30.04	276	1368416	43.509	ng		98

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

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