Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112817\
Data File : BG031254.D
Acq On : 28 Nov 2017 16:44
Operator : SJ/JU
Sample : IDOC-W-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
IDOC-W-01

Manual Integrations APPROVED
Sohil
11/29/2017 4:29:59 PM

Quant Time: Nov 29 06:37:53 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	45191	20.00	ng		-0.02
21) Naphthalene-d8	10.94	136	206801	20.00	ng		-0.02
38) Acenaphthene-d10	14.75	164	149990	20.00	ng		-0.02
63) Phenanthrene-d10	17.50	188	437691	20.00	ng		-0.02
75) Chrysene-d12	21.77	240	490215	20.00	ng		-0.01
86) Perylene-d12	25.06	264	470018	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	392718	149.02	ng		-0.02
7) Phenol-d6	7.30	99	518695	146.09	ng		0.00
23) Nitrobenzene-d5	9.30	82	295275	84.61	ng		-0.02
41) 2,4,6-Tribromophenol	16.24	330	295240	121.68	ng		-0.01
44) 2-Fluorobiphenyl	13.38	172	888792	85.15	ng		-0.02
78) Terphenyl-d14	20.09	244	1789830	80.62	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	41436	38.744	ng		85
3) Pyridine	3.94	79	117784	37.936	ng		86
4) n-Nitrosodimethylamine	3.85	42	57541	39.104	ng	#	84
6) Aniline	7.45	93	134259	28.733	ng		93
8) 2-Chlorophenol	7.69	128	142760	49.087	ng		89
9) Benzaldehyde	7.27	77	51766	20.835	ng		91
10) Phenol	7.32	94	184652	50.080	ng		91
11) bis(2-Chloroethyl)ether	7.54	93	123651	42.001	ng		90
12) 1,3-Dichlorobenzene	8.02	146	147465	43.217	ng		95
13) 1,4-Dichlorobenzene	8.16	146	150199	43.438	ng		93
14) 1,2-Dichlorobenzene	8.49	146	145915	43.966	ng		98
15) Benzyl Alcohol	8.36	79	125567	44.091	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.65	45	184224	56.652	ng		93
17) 2-Methylphenol	8.58	107	124775	48.596	ng		96
18) Hexachloroethane	9.22	117	51310	42.636	ng		95
19) n-Nitroso-di-n-propylamine	8.93	70	104316	38.642	ng	#	95
20) 3+4-Methylphenols	8.91	107	180124	49.335	ng		96
22) Acetophenone	8.95	105	206219	40.049	ng	#	92
24) Nitrobenzene	9.34	77	152728	42.841	ng		91
25) Isophorone	9.86	82	299024	43.933	ng	#	92
26) 2-Nitrophenol	10.06	139	84658	45.558	ng	#	86
27) 2,4-Dimethylphenol	10.11	122	147217	53.365	ng		93
28) bis(2-Chloroethoxy)methane	10.33	93	185150	43.191	ng		99
29) 2,4-Dichlorophenol	10.60	162	168104	50.745	ng		94
30) 1,2,4-Trichlorobenzene	10.81	180	171238	43.296	ng		95
31) Naphthalene	11.00	128	437839	43.068	ng		98
32) Benzoic acid	10.26	122	80433	36.539	ng		85
33) 4-Chloroaniline	11.11	127	106924	24.026	ng		94
34) Hexachlorobutadiene	11.27	225	105434	38.439	ng		97
35) Caprolactam	11.87	113	71452m	52.800	ng		
36) 4-Chloro-3-methylphenol	12.22	107	181025	50.208	ng	#	88
37) 2-Methylnaphthalene	12.59	142	355424	45.289	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	220372	37.019	ng		96
40) Hexachlorocyclopentadiene	12.93	237	147638	68.781	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	160603	47.192	ng		94
43) 2,4,5-Trichlorophenol	13.28	196	172607	46.356	ng	#	93
45) 1,1'-Biphenyl	13.59	154	495343	39.826	ng		98
46) 2-Chloronaphthalene	13.64	162	397756	44.324	ng		96
47) 2-Nitroaniline	13.84	65	119120	44.785	ng	#	71
48) Acenaphthylene	14.48	152	637505	43.404	ng		98
49) Dimethylphthalate	14.20	163	591286	45.593	ng		99
50) 2,6-Dinitrotoluene	14.33	165	131538	49.209	ng	#	78
51) Acenaphthene	14.82	154	392376	42.775	ng		98
52) 3-Nitroaniline	14.66	138	80893	28.501	ng	#	84
53) 2,4-Dinitrophenol	14.87	184	157159	104.899	ng	#	48
54) Dibenzofuran	15.15	168	664833	45.503	ng		100
55) 4-Nitrophenol	14.99	139	207541	102.650	ng	#	79
56) 2,4-Dinitrotoluene	15.12	165	201259	52.081	ng	#	73
57) Fluorene	15.80	166	542253	45.713	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.38	232	184219	51.911	ng	#	89
59) Diethylphthalate	15.55	149	614663	46.660	ng		99
60) 4-Chlorophenyl-phenylether	15.78	204	317816	44.363	ng		93
61) 4-Nitroaniline	15.83	138	150561	50.096	ng		82
62) Azobenzene	16.07	77	467781	46.561	ng		94
64) 4,6-Dinitro-2-methylphenol	15.89	198	120001	41.247	ng		78
65) n-Nitrosodiphenylamine	16.00	169	527311	39.758	ng		99
66) 4-Bromophenyl-phenylether	16.68	248	217218	39.184	ng		97
67) Hexachlorobenzene	16.81	284	222666	37.802	ng		94
68) Atrazine	16.94	200	236822	43.277	ng		97
69) Pentachlorophenol	17.15	266	235674	72.382	ng		98
70) Phenanthrene	17.54	178	990758	43.475	ng		99
71) Anthracene	17.63	178	1015590	44.475	ng		99
72) Carbazole	17.90	167	968284	45.255	ng		99
73) Di-n-butylphthalate	18.44	149	1127629	42.923	ng		100
74) Fluoranthene	19.54	202	1316171	45.614	ng		98
76) Benzidine	19.71	184	396260	25.165	ng		98
77) Pyrene	19.90	202	1326526	45.602	ng		96
79) Butylbenzylphthalate	20.76	149	518809	44.731	ng	#	84
80) Benzo(a)anthracene	21.75	228	1317122	43.255	ng		98
81) 3,3'-Dichlorobenzidine	21.66	252	312615	25.433	ng		95
82) Chrysene	21.82	228	1234427	43.824	ng		98
83) Bis(2-ethylhexyl)phthalate	21.63	149	728011	43.484	ng		100
84) Di-n-octyl phthalate	22.85	149	1247799	45.791	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.86	276	1464562	42.770	ng		99
87) Benzo(b)fluoranthene	24.02	252	1323433	46.549	ng		99
88) Benzo(k)fluoranthene	24.09	252	1266970	44.958	ng		97
89) Benzo(a)pyrene	24.92	252	1288798	47.717	ng		99
90) Dibenzo(a,h)anthracene	28.91	278	1219759	44.184	ng		97
91) Benzo(g,h,i)perylene	30.05	276	1216286	45.394	ng		97

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

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