Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102017\
Data File : BG029381.D
Acq On : 20 Oct 2017 20:46
Operator : SJ/JU
Sample : PB103492BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB103492BS

Manual Integrations APPROVED
Sohil
10/23/2017 3:41:11 PM

Quant Time: Oct 21 22:52:52 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 17:32:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	53239	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	246069	20.00	ng		0.00
38) Acenaphthene-d10	14.78	164	176136	20.00	ng		0.00
63) Phenanthrene-d10	17.52	188	457569	20.00	ng		0.00
75) Chrysene-d12	21.80	240	506618	20.00	ng		0.00
86) Perylene-d12	25.10	264	513672	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	310200	97.34	ng		0.00
7) Phenol-d6	7.32	99	416729	93.16	ng		0.00
23) Nitrobenzene-d5	9.33	82	354390	91.52	ng		0.00
41) 2,4,6-Tribromophenol	16.27	330	239816	105.46	ng		0.00
44) 2-Fluorobiphenyl	13.41	172	982205	81.79	ng		0.00
78) Terphenyl-d14	20.11	244	1872975	84.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	49515	38.293	ng		86
3) Pyridine	3.98	79	143083	37.999	ng		92
4) n-Nitrosodimethylamine	3.89	42	75830	43.082	ng	#	89
6) Aniline	7.48	93	170598	30.798	ng		93
8) 2-Chlorophenol	7.73	128	160921	44.052	ng		92
9) Benzaldehyde	7.29	77	54923	24.410	ng		87
10) Phenol	7.34	94	217820	45.166	ng		93
11) bis(2-Chloroethyl)ether	7.57	93	146988	41.833	ng		93
12) 1,3-Dichlorobenzene	8.05	146	167410	40.820	ng		96
13) 1,4-Dichlorobenzene	8.20	146	167888	40.096	ng		95
14) 1,2-Dichlorobenzene	8.52	146	162217	40.166	ng		96
15) Benzyl Alcohol	8.40	79	149503	47.425	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.70	45	245380	41.122	ng		94
17) 2-Methylphenol	8.60	107	144672	45.158	ng		98
18) Hexachloroethane	9.26	117	57627	40.385	ng		95
19) n-Nitroso-di-n-propylamine	8.97	70	125900	41.392	ng	#	95
20) 3+4-Methylphenols	8.93	107	205706	45.570	ng		94
22) Acetophenone	8.99	105	234684	39.575	ng	#	94
24) Nitrobenzene	9.38	77	179768	41.290	ng		93
25) Isophorone	9.89	82	352694	43.630	ng		95
26) 2-Nitrophenol	10.09	139	93897	45.124	ng	#	87
27) 2,4-Dimethylphenol	10.14	122	173211	46.007	ng		93
28) bis(2-Chloroethoxy)methane	10.38	93	214999	43.374	ng		95
29) 2,4-Dichlorophenol	10.62	162	188353	46.915	ng		90
30) 1,2,4-Trichlorobenzene	10.85	180	179323	41.344	ng		99
31) Naphthalene	11.03	128	495767	40.426	ng		98
32) Benzoic acid	10.26	122	123918	39.310	ng	#	83
33) 4-Chloroaniline	11.13	127	146010	28.304	ng		97
34) Hexachlorobutadiene	11.32	225	109966	40.777	ng		91
35) Caprolactam	11.90	113	74099m	55.535	ng		
36) 4-Chloro-3-methylphenol	12.24	107	203379	46.059	ng	#	89
37) 2-Methylnaphthalene	12.63	142	396415	44.352	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	219457	34.126	ng		98
40) Hexachlorocyclopentadiene	12.97	237	268058	108.286	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	169173	41.906	ng		97
43) 2,4,5-Trichlorophenol	13.30	196	187067	45.121	ng		95
45) 1,1'-Biphenyl	13.62	154	546417	36.092	ng		98
46) 2-Chloronaphthalene	13.67	162	424137	38.408	ng		98
47) 2-Nitroaniline	13.86	65	140852	46.437	ng	#	87
48) Acenaphthylene	14.51	152	689812	39.913	ng		98
49) Dimethylphthalate	14.23	163	602551	43.845	ng		100
50) 2,6-Dinitrotoluene	14.35	165	136382	47.341	ng	#	79
51) Acenaphthene	14.85	154	431160	38.343	ng		99
52) 3-Nitroaniline	14.68	138	112821	36.292	ng	#	82
53) 2,4-Dinitrophenol	14.89	184	97095	62.762	ng	#	53
54) Dibenzofuran	15.18	168	696058	43.361	ng		99
55) 4-Nitrophenol	14.99	139	249585	97.385	ng	#	84
56) 2,4-Dinitrotoluene	15.13	165	197380	50.612	ng	#	79
57) Fluorene	15.83	166	560065	42.234	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.41	232	187056	54.080	ng		95
59) Diethylphthalate	15.59	149	621754	45.397	ng		98
60) 4-Chlorophenyl-phenylether	15.82	204	314344	44.459	ng		94
61) 4-Nitroaniline	15.84	138	156005	48.872	ng		86
62) Azobenzene	16.10	77	538258	46.605	ng		97
64) 4,6-Dinitro-2-methylphenol	15.90	198	97403	38.534	ng		88
65) n-Nitrosodiphenylamine	16.03	169	533780	38.942	ng		98
66) 4-Bromophenyl-phenylether	16.70	248	216202	41.177	ng		99
67) Hexachlorobenzene	16.83	284	233779	39.308	ng		92
68) Atrazine	16.97	200	223965	45.793	ng		98
69) Pentachlorophenol	17.17	266	300321	87.903	ng		98
70) Phenanthrene	17.57	178	985499	41.691	ng		97
71) Anthracene	17.66	178	1005752	42.373	ng		99
72) Carbazole	17.92	167	958815	42.052	ng		99
73) Di-n-butylphthalate	18.47	149	1117338	42.608	ng		99
74) Fluoranthene	19.56	202	1244149	45.000	ng		96
76) Benzidine	19.73	184	409956	26.800	ng		98
77) Pyrene	19.92	202	1257504	40.918	ng		96
79) Butylbenzylphthalate	20.79	149	530400	40.509	ng		88
80) Benzo(a)anthracene	21.77	228	1280485	43.049	ng		99
81) 3,3'-Dichlorobenzidine	21.68	252	386580	31.488	ng		97
82) Chrysene	21.84	228	1179740	41.415	ng		97
83) Bis(2-ethylhexyl)phthalate	21.67	149	740169	39.390	ng		100
84) Di-n-octyl phthalate	22.91	149	1280904	39.113	ng		97
85) Indeno(1,2,3-cd)pyrene	28.88	276	1548385	44.183	ng	#	94
87) Benzo(b)fluoranthene	24.05	252	1314298	44.692	ng		99
88) Benzo(k)fluoranthene	24.12	252	1286921	43.925	ng		98
89) Benzo(a)pyrene	24.95	252	1275087	45.101	ng		100
90) Dibenzo(a,h)anthracene	28.95	278	1298716	45.375	ng		97
91) Benzo(g,h,i)perylene	30.08	276	1296886	48.766	ng		97

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

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