Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG121217\
Data File : BG031488.D
Acq On : 12 Dec 2017 12:37
Operator : SJ/JU
Sample : PB104888BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB104888BSD

Manual Integrations APPROVED
Sohil
12/13/2017 12:03:24 PM

Quant Time: Dec 13 06:18:03 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	8.11	152	51263	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	215855	20.00	ng		0.00
38) Acenaphthene-d10	14.73	164	145269	20.00	ng		0.00
63) Phenanthrene-d10	17.48	188	401680	20.00	ng		0.00
75) Chrysene-d12	21.75	240	482253	20.00	ng		0.00
86) Perylene-d12	25.03	264	472272	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	312966	108.21	ng		0.00
7) Phenol-d6	7.28	99	404866	100.84	ng		0.00
23) Nitrobenzene-d5	9.27	82	341955	97.64	ng		0.00
41) 2,4,6-Tribromophenol	16.22	330	191111	112.29	ng		0.00
44) 2-Fluorobiphenyl	13.35	172	962767	97.28	ng		0.00
78) Terphenyl-d14	20.07	244	1845119	87.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	55187	39.993	ng		87
3) Pyridine	3.92	79	152046	41.849	ng		90
4) n-Nitrosodimethylamine	3.83	42	73282	42.822	ng	#	95
6) Aniline	7.43	93	141525	26.767	ng		95
8) 2-Chlorophenol	7.68	128	166157	51.506	ng		87
9) Benzaldehyde	7.25	77	44674	19.196	ng		86
10) Phenol	7.31	94	209091	50.696	ng		94
11) bis(2-Chloroethyl)ether	7.52	93	145466	43.213	ng		87
12) 1,3-Dichlorobenzene	7.99	146	174437	45.470	ng		94
13) 1,4-Dichlorobenzene	8.15	146	179299	44.970	ng		95
14) 1,2-Dichlorobenzene	8.46	146	169375	44.595	ng		98
15) Benzyl Alcohol	8.35	79	139076	44.282	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.63	45	223738	59.162	ng		92
17) 2-Methylphenol	8.56	107	144267	51.314	ng		99
18) Hexachloroethane	9.19	117	61374	45.666	ng		92
19) n-Nitroso-di-n-propylamine	8.91	70	116731	36.939	ng	#	97
20) 3+4-Methylphenols	8.89	107	196647	46.952	ng		97
22) Acetophenone	8.93	105	227342	43.902	ng	#	95
24) Nitrobenzene	9.32	77	177726	49.525	ng		93
25) Isophorone	9.84	82	329525	49.790	ng	#	94
26) 2-Nitrophenol	10.04	139	93585	52.739	ng	#	87
27) 2,4-Dimethylphenol	10.09	122	156438	58.034	ng		93
28) bis(2-Chloroethoxy)methane	10.31	93	208380	48.769	ng		98
29) 2,4-Dichlorophenol	10.58	162	182691	57.524	ng		90
30) 1,2,4-Trichlorobenzene	10.78	180	194054	47.834	ng		99
31) Naphthalene	10.97	128	490294	46.235	ng		99
32) Benzoic acid	10.25	122	63921	42.450	ng	#	87
33) 4-Chloroaniline	11.10	127	69701	15.138	ng		94
34) Hexachlorobutadiene	11.25	225	121894	45.298	ng		96
35) Caprolactam	11.85	113	65636m	52.632	ng		
36) 4-Chloro-3-methylphenol	12.21	107	185864	51.270	ng	#	92
37) 2-Methylnaphthalene	12.57	142	388694	47.340	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	235711	41.517	ng		96
40) Hexachlorocyclopentadiene	12.91	237	183618	89.059	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	157631	54.343	ng		99
43) 2,4,5-Trichlorophenol	13.26	196	169154	54.136	ng		95
45) 1,1'-Biphenyl	13.56	154	507588	42.542	ng		97
46) 2-Chloronaphthalene	13.62	162	426841	48.878	ng		97
47) 2-Nitroaniline	13.82	65	122611	49.965	ng	#	78
48) Acenaphthylene	14.46	152	652597	46.442	ng		99
49) Dimethylphthalate	14.18	163	574393	47.760	ng		99
50) 2,6-Dinitrotoluene	14.31	165	129875	50.522	ng	#	77
51) Acenaphthene	14.80	154	405471	45.635	ng		99
52) 3-Nitroaniline	14.65	138	67273	25.672	ng	#	78
53) 2,4-Dinitrophenol	14.86	184	92304	85.359	ng	#	52
54) Dibenzofuran	15.13	168	670855	47.316	ng		98
55) 4-Nitrophenol	14.97	139	198777	110.832	ng	#	82
56) 2,4-Dinitrotoluene	15.10	165	192080	52.607	ng	#	74
57) Fluorene	15.78	166	545230	47.993	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.36	232	175371	59.711	ng	#	91
59) Diethylphthalate	15.53	149	588763	48.839	ng		97
60) 4-Chlorophenyl-phenylether	15.76	204	319357	45.947	ng		92
61) 4-Nitroaniline	15.81	138	146909	53.422	ng		90
62) Azobenzene	16.06	77	484782	48.545	ng		95
64) 4,6-Dinitro-2-methylphenol	15.87	198	90683	38.393	ng		80
65) n-Nitrosodiphenylamine	15.98	169	518804	44.126	ng		99
66) 4-Bromophenyl-phenylether	16.65	248	216315	46.312	ng		99
67) Hexachlorobenzene	16.78	284	222610	46.154	ng		98
68) Atrazine	16.92	200	227837	52.998	ng		98
69) Pentachlorophenol	17.13	266	185616	80.056	ng		99
70) Phenanthrene	17.52	178	989245	47.156	ng		99
71) Anthracene	17.61	178	1021866	49.252	ng		98
72) Carbazole	17.88	167	976473	52.007	ng		99
73) Di-n-butylphthalate	18.41	149	1142741	52.704	ng		99
74) Fluoranthene	19.52	202	1366279	52.042	ng		96
76) Benzidine	19.69	184	528082	47.054	ng		97
77) Pyrene	19.88	202	1399158	46.693	ng		96
79) Butylbenzylphthalate	20.74	149	552881	52.594	ng		86
80) Benzo(a)anthracene	21.73	228	1401561	48.150	ng		98
81) 3,3'-Dichlorobenzidine	21.63	252	298934	29.508	ng		95
82) Chrysene	21.80	228	1338487	47.966	ng		96
83) Bis(2-ethylhexyl)phthalate	21.60	149	760085	50.257	ng		100
84) Di-n-octyl phthalate	22.82	149	1288302	51.641	ng	#	95
85) Indeno(1,2,3-cd)pyrene	28.81	276	1539940	51.637	ng		99
87) Benzo(b)fluoranthene	23.99	252	1364561	48.329	ng		98
88) Benzo(k)fluoranthene	24.05	252	1383118	48.002	ng		97
89) Benzo(a)pyrene	24.88	252	1346965	50.289	ng		99
90) Dibenzo(a,h)anthracene	28.85	278	1275982	49.818	ng		98
91) Benzo(g,h,i)perylene	29.98	276	1288276	51.161	ng		98

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

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