Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG110217\
Data File : BG030657.D
Acq On : 2 Nov 2017 11:52
Operator : SJ/JU
Sample : PB103892BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB103892BS

Manual Integrations APPROVED
Sohil
11/3/2017 4:19:39 PM

Quant Time: Nov 03 15:37:40 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 01 17:41:24 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	56517	20.00	ng		0.00
21) Naphthalene-d8	10.97	136	262372	20.00	ng		0.00
38) Acenaphthene-d10	14.77	164	183030	20.00	ng		0.00
63) Phenanthrene-d10	17.51	188	467168	20.00	ng		0.00
75) Chrysene-d12	21.78	240	520785	20.00	ng		-0.01
86) Perylene-d12	25.08	264	543994	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	419473	123.99	ng		-0.01
7) Phenol-d6	7.31	99	564644	118.90	ng		-0.01
23) Nitrobenzene-d5	9.32	82	315663	76.45	ng		-0.01
41) 2,4,6-Tribromophenol	16.26	330	317568	134.39	ng		0.00
44) 2-Fluorobiphenyl	13.39	172	937563	75.13	ng		0.00
78) Terphenyl-d14	20.10	244	1673063	73.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	51374	37.427	ng	#	81
3) Pyridine	3.96	79	139863	34.989	ng		90
4) n-Nitrosodimethylamine	3.88	42	64257	34.389	ng	#	87
6) Aniline	7.47	93	83839	14.258	ng		93
8) 2-Chlorophenol	7.71	128	153839	39.671	ng		89
9) Benzaldehyde	7.28	77	60375	25.277	ng		94
10) Phenol	7.34	94	203090	39.669	ng		90
11) bis(2-Chloroethyl)ether	7.56	93	135863	36.424	ng		91
12) 1,3-Dichlorobenzene	8.04	146	157698	36.222	ng		98
13) 1,4-Dichlorobenzene	8.19	146	162269	36.506	ng		94
14) 1,2-Dichlorobenzene	8.51	146	153890	35.894	ng		97
15) Benzyl Alcohol	8.38	79	132846	39.697	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.68	45	211139	33.331	ng		92
17) 2-Methylphenol	8.59	107	135903	39.961	ng		98
18) Hexachloroethane	9.24	117	54523	35.994	ng		98
19) n-Nitroso-di-n-propylamine	8.95	70	113824	35.252	ng	#	94
20) 3+4-Methylphenols	8.92	107	191126	39.884	ng		92
22) Acetophenone	8.97	105	220281	34.838	ng	#	95
24) Nitrobenzene	9.36	77	162587	35.023	ng	#	90
25) Isophorone	9.88	82	322996	37.474	ng	#	93
26) 2-Nitrophenol	10.07	139	81845	36.888	ng	#	86
27) 2,4-Dimethylphenol	10.13	122	160465	39.973	ng		90
28) bis(2-Chloroethoxy)methane	10.36	93	203664	38.534	ng	#	94
29) 2,4-Dichlorophenol	10.61	162	178685	41.742	ng		91
30) 1,2,4-Trichlorobenzene	10.83	180	178304	38.555	ng		95
31) Naphthalene	11.02	128	479132	36.642	ng		98
32) Benzoic acid	10.25	122	105061	31.257	ng	#	85
33) 4-Chloroaniline	11.13	127	63033	11.460	ng		94
34) Hexachlorobutadiene	11.30	225	109233	37.989	ng		96
35) Caprolactam	11.88	113	63475m	44.617	ng		
36) 4-Chloro-3-methylphenol	12.23	107	188637	40.066	ng		91
37) 2-Methylnaphthalene	12.61	142	386497	40.555	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	223513	33.448	ng		97
40) Hexachlorocyclopentadiene	12.95	237	235186	92.154	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	159976	38.135	ng		97
43) 2,4,5-Trichlorophenol	13.29	196	175962	40.844	ng	#	93
45) 1,1'-Biphenyl	13.61	154	531283	33.771	ng		99
46) 2-Chloronaphthalene	13.65	162	419621	36.568	ng		97
47) 2-Nitroaniline	13.85	65	119448	37.897	ng	#	83
48) Acenaphthylene	14.49	152	662528	36.891	ng		98
49) Dimethylphthalate	14.22	163	560511	39.250	ng		99
50) 2,6-Dinitrotoluene	14.34	165	125774	42.014	ng	#	78
51) Acenaphthene	14.83	154	411210	35.192	ng		98
52) 3-Nitroaniline	14.67	138	53181	16.463	ng	#	84
53) 2,4-Dinitrophenol	14.88	184	129721	78.799	ng	#	47
54) Dibenzofuran	15.17	168	684170	41.015	ng		99
55) 4-Nitrophenol	14.98	139	217434	81.645	ng	#	80
56) 2,4-Dinitrotoluene	15.13	165	182983	45.153	ng	#	72
57) Fluorene	15.82	166	537430	39.000	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.39	232	174039	48.421	ng	#	93
59) Diethylphthalate	15.57	149	561430	39.449	ng		97
60) 4-Chlorophenyl-phenylether	15.80	204	308104	41.935	ng		95
61) 4-Nitroaniline	15.83	138	131426	39.622	ng		84
62) Azobenzene	16.09	77	483452	40.283	ng		94
64) 4,6-Dinitro-2-methylphenol	15.89	198	88979	35.004	ng		82
65) n-Nitrosodiphenylamine	16.01	169	505855	36.147	ng		100
66) 4-Bromophenyl-phenylether	16.69	248	206813	38.580	ng		98
67) Hexachlorobenzene	16.82	284	223632	36.829	ng		93
68) Atrazine	16.95	200	198861	39.825	ng		97
69) Pentachlorophenol	17.16	266	252117	72.278	ng		98
70) Phenanthrene	17.55	178	917689	38.025	ng		98
71) Anthracene	17.64	178	937201	38.673	ng		98
72) Carbazole	17.91	167	871607	37.441	ng		99
73) Di-n-butylphthalate	18.45	149	1014895	37.906	ng		100
74) Fluoranthene	19.55	202	1177305	41.707	ng		98
76) Benzidine	19.72	184	353861	22.504	ng		97
77) Pyrene	19.91	202	1204279	38.120	ng		96
79) Butylbenzylphthalate	20.78	149	491005	36.480	ng		86
80) Benzo(a)anthracene	21.76	228	1232059	40.294	ng		99
81) 3,3'-Dichlorobenzidine	21.67	252	245357	19.441	ng		98
82) Chrysene	21.83	228	1161500	39.665	ng		98
83) Bis(2-ethylhexyl)phthalate	21.65	149	692275	35.839	ng		98
84) Di-n-octyl phthalate	22.88	149	1184802	35.194	ng	#	95
85) Indeno(1,2,3-cd)pyrene	28.87	276	1511118	41.946	ng		99
87) Benzo(b)fluoranthene	24.03	252	1286780	41.317	ng		99
88) Benzo(k)fluoranthene	24.11	252	1220272	39.329	ng		97
89) Benzo(a)pyrene	24.93	252	1231458	41.130	ng		99
90) Dibenzo(a,h)anthracene	28.94	278	1258810	41.529	ng		98
91) Benzo(g,h,i)perylene	30.06	276	1253527	44.509	ng		98

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

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