Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060817\
Data File : BG027338.D
Acq On : 9 Jun 2017 5:37
Operator : SJ/MA
Sample : PB99588BSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB99588BSD

Manual Integrations APPROVED
mohammad
6/9/2017 12:20:50 PM

Quant Time: Jun 09 07:22:29 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:00:35 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.56	152	46459	20.00	ng		-0.02
21) Naphthalene-d8	11.38	136	222027	20.00	ng		-0.02
38) Acenaphthene-d10	15.14	164	146611	20.00	ng		-0.02
63) Phenanthrene-d10	17.89	188	351210	20.00	ng		-0.03
75) Chrysene-d12	22.28	240	406650	20.00	ng		-0.03
86) Perylene-d12	25.97	264	371300	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	6.14	112	292870	96.19	ng		-0.02
7) Phenol-d6	7.69	99	427224	95.60	ng		-0.01
23) Nitrobenzene-d5	9.72	82	356396	100.95	ng		-0.02
41) 2,4,6-Tribromophenol	16.62	330	181926	94.23	ng		-0.02
44) 2-Fluorobiphenyl	13.77	172	838331	79.99	ng		-0.02
78) Terphenyl-d14	20.47	244	1386813	87.00	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	4.16	88	45338	35.914	ng	#	86
3) Pyridine	4.54	79	138482	35.585	ng	#	77
4) n-Nitrosodimethylamine	4.44	42	63549	44.103	ng	#	45
6) Aniline	7.88	93	168499	29.940	ng		96
8) 2-Chlorophenol	8.12	128	151214	47.036	ng		95
9) Benzaldehyde	7.70	77	73157	23.675	ng		92
10) Phenol	7.72	94	230174	50.363	ng	#	77
11) bis(2-Chloroethyl)ether	7.96	93	154224	41.133	ng		89
12) 1,3-Dichlorobenzene	8.45	146	138207	38.115	ng		92
13) 1,4-Dichlorobenzene	8.59	146	142057	38.173	ng		97
14) 1,2-Dichlorobenzene	8.91	146	136928	37.725	ng		95
15) Benzyl Alcohol	8.79	79	158921	50.469	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	9.06	45	248492	46.319	ng		95
17) 2-Methylphenol	8.97	107	148656	46.014	ng	#	86
18) Hexachloroethane	9.65	117	52164	41.613	ng	#	84
19) n-Nitroso-di-n-propylamine	9.35	70	135649	43.387	ng	#	87
20) 3+4-Methylphenols	9.30	107	207480	46.363	ng		88
22) Acetophenone	9.37	105	236339	41.624	ng	#	85
24) Nitrobenzene	9.76	77	190225	47.295	ng	#	90
25) Isophorone	10.28	82	369352	44.492	ng	#	96
26) 2-Nitrophenol	10.48	139	78753	47.570	ng	#	80
27) 2,4-Dimethylphenol	10.51	122	172129	48.225	ng		94
28) bis(2-Chloroethoxy)methane	10.75	93	228078	42.431	ng		99
29) 2,4-Dichlorophenol	11.01	162	154079	47.286	ng		99
30) 1,2,4-Trichlorobenzene	11.23	180	139055	38.540	ng		98
31) Naphthalene	11.43	128	471920	38.891	ng		98
32) Benzoic acid	10.63	122	118420	47.971	ng	#	85
33) 4-Chloroaniline	11.52	127	70924	14.026	ng	#	91
34) Hexachlorobutadiene	11.70	225	84471	38.094	ng		98
35) Caprolactam	12.30	113	62520m	55.944	ng		
36) 4-Chloro-3-methylphenol	12.60	107	204125	49.981	ng		93
37) 2-Methylnaphthalene	12.99	142	351170m	39.674	ng		
39) 1,2,4,5-Tetrachlorobenzene	13.35	216	166316	36.414	ng		99
40) Hexachlorocyclopentadiene	13.33	237	230967	95.011	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.58	196	126230	45.566	ng		96
43) 2,4,5-Trichlorophenol	13.65	196	142433	45.947	ng		96
45) 1,1'-Biphenyl	13.97	154	471886	39.433	ng		96
46) 2-Chloronaphthalene	14.03	162	356892	39.778	ng		97
47) 2-Nitroaniline	14.22	65	146079	55.936	ng	#	86
48) Acenaphthylene	14.87	152	593018	39.055	ng		98
49) Dimethylphthalate	14.58	163	500983	43.076	ng		98
50) 2,6-Dinitrotoluene	14.70	165	109742	46.629	ng	#	77
51) Acenaphthene	15.20	154	440800	44.630	ng		99
52) 3-Nitroaniline	15.03	138	64703	28.713	ng		98
53) 2,4-Dinitrophenol	15.23	184	128075	100.730	ng		96
54) Dibenzofuran	15.54	168	590042	42.750	ng		94
55) 4-Nitrophenol	15.31	139	204366	92.029	ng	#	58
56) 2,4-Dinitrotoluene	15.48	165	156047	51.097	ng	#	90
57) Fluorene	16.18	166	493216	40.232	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.75	232	140077	50.620	ng		97
59) Diethylphthalate	15.93	149	525493	45.299	ng		98
60) 4-Chlorophenyl-phenylether	16.16	204	250976	40.642	ng		95
61) 4-Nitroaniline	16.19	138	125764	49.885	ng	#	69
62) Azobenzene	16.46	77	559505	52.038	ng		89
64) 4,6-Dinitro-2-methylphenol	16.25	198	88929	54.375	ng		90
65) n-Nitrosodiphenylamine	16.38	169	452015	41.052	ng		98
66) 4-Bromophenyl-phenylether	17.06	248	167813	40.371	ng		98
67) Hexachlorobenzene	17.19	284	179204	40.081	ng		92
68) Atrazine	17.32	200	169736	46.099	ng		97
69) Pentachlorophenol	17.53	266	230889	88.100	ng		96
70) Phenanthrene	17.93	178	813021	41.145	ng		96
71) Anthracene	18.03	178	821674	41.507	ng		97
72) Carbazole	18.29	167	735767	39.406	ng		96
73) Di-n-butylphthalate	18.81	149	896349	49.508	ng	#	94
74) Fluoranthene	19.92	202	936342	44.357	ng		92
76) Benzidine	20.09	184	337735	27.571	ng		98
77) Pyrene	20.28	202	951071	38.709	ng		97
79) Butylbenzylphthalate	21.17	149	406757	46.852	ng		94
80) Benzo(a)anthracene	22.25	228	952622	41.078	ng		96
81) 3,3'-Dichlorobenzidine	22.15	252	204404	22.657	ng	#	98
82) Chrysene	22.33	228	897288	40.301	ng		95
83) Bis(2-ethylhexyl)phthalate	22.11	149	572995	43.673	ng		99
84) Di-n-octyl phthalate	23.49	149	997878	45.923	ng	#	90
85) Indeno(1,2,3-cd)pyrene	30.22	276	1109648	41.152	ng	#	92
87) Benzo(b)fluoranthene	24.78	252	957381	41.575	ng	#	96
88) Benzo(k)fluoranthene	24.87	252	956374	42.334	ng	#	94
89) Benzo(a)pyrene	25.79	252	916756	42.291	ng	#	93
90) Dibenzo(a,h)anthracene	30.30	278	951020	41.909	ng	#	96
91) Benzo(g,h,i)perylene	31.56	276	899554	40.932	ng	#	89

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

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