Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060817\
Data File : BG027321.D
Acq On : 8 Jun 2017 17:41
Operator : SJ/MA
Sample : PB99585BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB99585BSD

Manual Integrations APPROVED
mohammad
6/9/2017 12:20:44 PM

Quant Time: Jun 08 18:59:48 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 08 17:56:11 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.56	152	47400	20.00	ng		0.00
21) Naphthalene-d8	11.38	136	235568	20.00	ng		0.00
38) Acenaphthene-d10	15.14	164	156775	20.00	ng		0.00
63) Phenanthrene-d10	17.89	188	370869	20.00	ng		0.00
75) Chrysene-d12	22.28	240	424285	20.00	ng		0.00
86) Perylene-d12	25.96	264	387283	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.14	112	451349	145.30	ng		0.00
7) Phenol-d6	7.70	99	655857	143.84	ng		0.00
23) Nitrobenzene-d5	9.72	82	365124	97.48	ng		0.00
41) 2,4,6-Tribromophenol	16.63	330	294910	142.85	ng		0.00
44) 2-Fluorobiphenyl	13.76	172	888378	79.27	ng		0.00
78) Terphenyl-d14	20.47	244	1402017	84.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	4.16	88	42894	33.303	ng	#	83
3) Pyridine	4.53	79	134216	33.804	ng	#	75
4) n-Nitrosodimethylamine	4.44	42	63098	42.921	ng	#	61
6) Aniline	7.88	93	197313	34.363	ng		95
8) 2-Chlorophenol	8.12	128	154118	46.988	ng		92
9) Benzaldehyde	7.70	77	72580	23.022	ng		86
10) Phenol	7.72	94	231450	49.637	ng		78
11) bis(2-Chloroethyl)ether	7.97	93	153072	40.016	ng		88
12) 1,3-Dichlorobenzene	8.45	146	139928	37.824	ng		94
13) 1,4-Dichlorobenzene	8.59	146	141894	37.373	ng		96
14) 1,2-Dichlorobenzene	8.92	146	139511	37.674	ng		98
15) Benzyl Alcohol	8.78	79	160024	49.810	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	9.06	45	250296	45.729	ng		95
17) 2-Methylphenol	8.97	107	151448	45.948	ng	#	87
18) Hexachloroethane	9.65	117	52393	40.966	ng		86
19) n-Nitroso-di-n-propylamine	9.35	70	136098	42.667	ng	#	86
20) 3+4-Methylphenols	9.29	107	210255	46.050	ng		90
22) Acetophenone	9.38	105	240871	39.983	ng	#	85
24) Nitrobenzene	9.76	77	190993	44.756	ng	#	89
25) Isophorone	10.28	82	376601	42.757	ng	#	97
26) 2-Nitrophenol	10.47	139	82279	46.953	ng	#	81
27) 2,4-Dimethylphenol	10.51	122	177097	46.764	ng		93
28) bis(2-Chloroethoxy)methane	10.75	93	234012	41.032	ng		100
29) 2,4-Dichlorophenol	11.01	162	159451	46.121	ng		98
30) 1,2,4-Trichlorobenzene	11.23	180	142129	37.128	ng		99
31) Naphthalene	11.43	128	483894	37.585	ng		100
32) Benzoic acid	10.63	122	120125	46.217	ng		90
33) 4-Chloroaniline	11.53	127	76354	14.232	ng	#	88
34) Hexachlorobutadiene	11.70	225	86469	36.753	ng		97
35) Caprolactam	12.30	113	65097m	54.902	ng		
36) 4-Chloro-3-methylphenol	12.60	107	207623	47.916	ng		97
37) 2-Methylnaphthalene	12.99	142	363086m	38.662	ng		
39) 1,2,4,5-Tetrachlorobenzene	13.35	216	174640	35.758	ng		99
40) Hexachlorocyclopentadiene	13.33	237	240240	92.419	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.58	196	131730	44.469	ng		97
43) 2,4,5-Trichlorophenol	13.65	196	146506	44.197	ng		95
45) 1,1'-Biphenyl	13.98	154	488796	38.197	ng		97
46) 2-Chloronaphthalene	14.02	162	370884	38.658	ng		98
47) 2-Nitroaniline	14.22	65	144535	52.267	ng	#	83
48) Acenaphthylene	14.86	152	615461	37.905	ng		97
49) Dimethylphthalate	14.58	163	517088	41.578	ng		97
50) 2,6-Dinitrotoluene	14.70	165	112679	44.996	ng	#	77
51) Acenaphthene	15.20	154	455783	43.155	ng		99
52) 3-Nitroaniline	15.03	138	76371	31.100	ng		91
53) 2,4-Dinitrophenol	15.23	184	132226	98.397	ng		96
54) Dibenzofuran	15.53	168	610970	41.396	ng		95
55) 4-Nitrophenol	15.32	139	205813	87.028	ng	#	56
56) 2,4-Dinitrotoluene	15.48	165	159646	49.189	ng	#	91
57) Fluorene	16.18	166	510002	38.905	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.75	232	140915	47.621	ng		97
59) Diethylphthalate	15.93	149	538517	43.412	ng		97
60) 4-Chlorophenyl-phenylether	16.16	204	258513	39.149	ng		97
61) 4-Nitroaniline	16.20	138	126911	47.408	ng	#	67
62) Azobenzene	16.46	77	562731	48.945	ng		90
64) 4,6-Dinitro-2-methylphenol	16.24	198	90072	52.761	ng		88
65) n-Nitrosodiphenylamine	16.38	169	461238	39.670	ng		98
66) 4-Bromophenyl-phenylether	17.06	248	171220	39.007	ng		96
67) Hexachlorobenzene	17.19	284	184865	39.156	ng		90
68) Atrazine	17.31	200	168582	43.358	ng		97
69) Pentachlorophenol	17.53	266	235700	85.168	ng		97
70) Phenanthrene	17.94	178	828233	39.693	ng		95
71) Anthracene	18.02	178	841392	40.250	ng		98
72) Carbazole	18.29	167	748441	37.960	ng		95
73) Di-n-butylphthalate	18.81	149	909585	47.576	ng	#	94
74) Fluoranthene	19.92	202	953169	42.760	ng		93
76) Benzidine	20.09	184	361442	28.280	ng		97
77) Pyrene	20.29	202	972981	37.954	ng		97
79) Butylbenzylphthalate	21.17	149	404751	44.683	ng		93
80) Benzo(a)anthracene	22.25	228	960017	39.676	ng		95
81) 3,3'-Dichlorobenzidine	22.15	252	238387	25.325	ng	#	98
82) Chrysene	22.33	228	900239	38.753	ng		95
83) Bis(2-ethylhexyl)phthalate	22.11	149	576474	42.112	ng		98
84) Di-n-octyl phthalate	23.49	149	992347	43.770	ng	#	90
85) Indeno(1,2,3-cd)pyrene	30.22	276	1113640	39.584	ng	#	89
87) Benzo(b)fluoranthene	24.78	252	980300	40.814	ng	#	97
88) Benzo(k)fluoranthene	24.86	252	939428	39.868	ng	#	92
89) Benzo(a)pyrene	25.79	252	928094	41.047	ng	#	93
90) Dibenzo(a,h)anthracene	30.29	278	953648	40.291	ng	#	94
91) Benzo(g,h,i)perylene	31.55	276	898181	39.183	ng	#	90

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

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