Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060917\
Data File : BG027351.D
Acq On : 9 Jun 2017 17:29
Operator : SJ/MA
Sample : PB99618BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB99618BS

Manual Integrations APPROVED
mohammad
6/12/2017 3:58:17 PM

Quant Time: Jun 10 04:15:31 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	46995	20.00	ng		-0.02
21) Naphthalene-d8	11.38	136	241317	20.00	ng		-0.02
38) Acenaphthene-d10	15.14	164	154858	20.00	ng		-0.02
63) Phenanthrene-d10	17.89	188	354332	20.00	ng		-0.03
75) Chrysene-d12	22.28	240	390370	20.00	ng		-0.03
86) Perylene-d12	25.95	264	365705	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	6.14	112	482156	156.56	ng		-0.02
7) Phenol-d6	7.69	99	695031	153.75	ng		0.00
23) Nitrobenzene-d5	9.72	82	396556	103.35	ng		-0.02
41) 2,4,6-Tribromophenol	16.62	330	302611	148.40	ng		-0.02
44) 2-Fluorobiphenyl	13.76	172	921075	83.21	ng		-0.03
78) Terphenyl-d14	20.47	244	1322922	86.45	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	4.15	88	42741	33.470	ng	#	85
3) Pyridine	4.53	79	139515	35.441	ng	#	79
4) n-Nitrosodimethylamine	4.44	42	65083	44.653	ng	#	50
6) Aniline	7.88	93	201168	35.337	ng		96
8) 2-Chlorophenol	8.12	128	165499	50.892	ng		94
9) Benzaldehyde	7.70	77	74186	23.735	ng		96
10) Phenol	7.72	94	248633	53.781	ng		78
11) bis(2-Chloroethyl)ether	7.96	93	166901	44.007	ng		87
12) 1,3-Dichlorobenzene	8.45	146	144581	39.418	ng		94
13) 1,4-Dichlorobenzene	8.59	146	147231	39.112	ng		98
14) 1,2-Dichlorobenzene	8.92	146	144759	39.428	ng		95
15) Benzyl Alcohol	8.78	79	172082	54.025	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	9.07	45	281120	51.803	ng		95
17) 2-Methylphenol	8.97	107	160946	49.250	ng	#	88
18) Hexachloroethane	9.65	117	55117	43.467	ng		86
19) n-Nitroso-di-n-propylamine	9.35	70	151533	47.915	ng	#	87
20) 3+4-Methylphenols	9.30	107	223916	49.465	ng		91
22) Acetophenone	9.37	105	256869	41.623	ng	#	85
24) Nitrobenzene	9.76	77	211597	48.403	ng	#	90
25) Isophorone	10.28	82	407573	45.171	ng	#	96
26) 2-Nitrophenol	10.47	139	89054	49.202	ng	#	82
27) 2,4-Dimethylphenol	10.51	122	184289	47.504	ng		93
28) bis(2-Chloroethoxy)methane	10.75	93	251423	43.035	ng		99
29) 2,4-Dichlorophenol	11.01	162	165954	46.859	ng		98
30) 1,2,4-Trichlorobenzene	11.23	180	151330	38.589	ng		99
31) Naphthalene	11.43	128	517574	39.244	ng		98
32) Benzoic acid	10.63	122	125190	46.879	ng		88
33) 4-Chloroaniline	11.52	127	89030	16.200	ng		91
34) Hexachlorobutadiene	11.70	225	92164	38.240	ng		99
35) Caprolactam	12.30	113	63621m	52.379	ng		
36) 4-Chloro-3-methylphenol	12.60	107	214363	48.292	ng		94
37) 2-Methylnaphthalene	12.99	142	383957	39.910	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.35	216	187645	38.896	ng		98
40) Hexachlorocyclopentadiene	13.33	237	260171	101.325	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.58	196	137713	47.064	ng		95
43) 2,4,5-Trichlorophenol	13.65	196	150045	45.825	ng		96
45) 1,1'-Biphenyl	13.97	154	511305	40.451	ng		96
46) 2-Chloronaphthalene	14.02	162	391818	41.345	ng		97
47) 2-Nitroaniline	14.22	65	152839	55.472	ng		90
48) Acenaphthylene	14.86	152	632473	39.435	ng		98
49) Dimethylphthalate	14.57	163	524360	42.685	ng		98
50) 2,6-Dinitrotoluene	14.70	165	113841	45.895	ng	#	84
51) Acenaphthene	15.20	154	464560	44.530	ng		99
52) 3-Nitroaniline	15.03	138	72404	30.080	ng		95
53) 2,4-Dinitrophenol	15.23	184	129251	97.712	ng		94
54) Dibenzofuran	15.53	168	626199	42.953	ng		94
55) 4-Nitrophenol	15.32	139	199329	85.449	ng	#	59
56) 2,4-Dinitrotoluene	15.48	165	158708	49.460	ng	#	88
57) Fluorene	16.18	166	511843	39.528	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.75	232	142780	48.849	ng		96
59) Diethylphthalate	15.93	149	539631	44.040	ng		97
60) 4-Chlorophenyl-phenylether	16.16	204	266192	40.811	ng		97
61) 4-Nitroaniline	16.20	138	125078	47.315	ng	#	67
62) Azobenzene	16.45	77	583754	51.402	ng		89
64) 4,6-Dinitro-2-methylphenol	16.24	198	89155	54.127	ng		84
65) n-Nitrosodiphenylamine	16.38	169	462481	41.633	ng		99
66) 4-Bromophenyl-phenylether	17.06	248	173116	41.280	ng		93
67) Hexachlorobenzene	17.19	284	186699	41.390	ng	#	90
68) Atrazine	17.31	200	161860	43.572	ng		98
69) Pentachlorophenol	17.53	266	229449	86.779	ng		98
70) Phenanthrene	17.93	178	809655	40.613	ng		95
71) Anthracene	18.02	178	812016	40.658	ng		98
72) Carbazole	18.29	167	702433	37.289	ng		95
73) Di-n-butylphthalate	18.81	149	848003	46.425	ng	#	94
74) Fluoranthene	19.92	202	881601	41.396	ng		93
76) Benzidine	20.09	184	421458	35.840	ng		98
77) Pyrene	20.29	202	899487	38.136	ng		97
79) Butylbenzylphthalate	21.17	149	391627	46.991	ng		96
80) Benzo(a)anthracene	22.25	228	929843	41.768	ng		94
81) 3,3'-Dichlorobenzidine	22.15	252	200336	23.132	ng	#	96
82) Chrysene	22.33	228	865882	40.512	ng		94
83) Bis(2-ethylhexyl)phthalate	22.11	149	558866	44.373	ng		99
84) Di-n-octyl phthalate	23.49	149	968449	46.427	ng	#	91
85) Indeno(1,2,3-cd)pyrene	30.21	276	1081345	41.775	ng	#	93
87) Benzo(b)fluoranthene	24.78	252	956590	42.176	ng	#	95
88) Benzo(k)fluoranthene	24.86	252	906387	40.735	ng	#	93
89) Benzo(a)pyrene	25.78	252	897198	42.022	ng	#	94
90) Dibenzo(a,h)anthracene	30.29	278	927563	41.501	ng	#	95
91) Benzo(g,h,i)perylene	31.55	276	882997	40.794	ng	#	90

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

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