Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060517\
Data File : BG027211.D
Acq On : 5 Jun 2017 14:00
Operator : SJ/MA
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
mohammad
6/6/2017 5:13:53 PM

Quant Time: Jun 05 14:37:35 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 14:26:32 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.58	152	51286	20.00	ng		0.00
21) Naphthalene-d8	11.40	136	254081	20.00	ng		0.00
38) Acenaphthene-d10	15.16	164	163479	20.00	ng		0.00
63) Phenanthrene-d10	17.92	188	373382	20.00	ng		0.00
75) Chrysene-d12	22.31	240	426757	20.00	ng		0.00
86) Perylene-d12	26.03	264	397549	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.16	112	420735	63.91	ng		0.00
7) Phenol-d6	7.71	99	625405	64.46	ng		0.00
23) Nitrobenzene-d5	9.75	82	520094	72.14	ng		0.00
41) 2,4,6-Tribromophenol	16.65	330	293807	72.01	ng		0.00
44) 2-Fluorobiphenyl	13.79	172	1394157	59.34	ng		0.00
78) Terphenyl-d14	20.49	244	1907135	55.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	4.17	88	83536	60.36	ng	#	77
3) Pyridine	4.56	79	272396	70.62	ng	#	72
4) n-Nitrosodimethylamine	4.46	42	101529	65.61	ng	#	54
6) Aniline	7.90	93	393235	64.34	ng	#	92
8) 2-Chlorophenol	8.14	128	221814	63.59	ng		87
9) Benzaldehyde	7.72	77	206034	60.05	ng		81
10) Phenol	7.74	94	315652	63.26	ng		76
11) bis(2-Chloroethyl)ether	7.98	93	254357	61.86	ng	#	82
12) 1,3-Dichlorobenzene	8.47	146	243879	61.44	ng	#	91
13) 1,4-Dichlorobenzene	8.61	146	248023	60.69	ng		97
14) 1,2-Dichlorobenzene	8.93	146	242067	60.66	ng		94
15) Benzyl Alcohol	8.81	79	225929	66.73	ng	#	82
16) 2,2'-oxybis(1-Chloropropan	9.09	45	355882	59.80	ng		90
17) 2-Methylphenol	8.99	107	224751	63.89	ng	#	86
18) Hexachloroethane	9.67	117	86471	63.91	ng		86
19) n-Nitroso-di-n-propylamine	9.38	70	218249	63.76	ng	#	86
20) 3+4-Methylphenols	9.32	107	317541	65.67	ng		87
22) Acetophenone	9.40	105	400675	62.38	ng	#	82
24) Nitrobenzene	9.79	77	293839	71.18	ng	#	86
25) Isophorone	10.32	82	598464	63.93	ng	#	95
26) 2-Nitrophenol	10.50	139	117234	81.30	ng	#	77
27) 2,4-Dimethylphenol	10.53	122	257745	64.32	ng		91
28) bis(2-Chloroethoxy)methane	10.78	93	375804	61.37	ng		99
29) 2,4-Dichlorophenol	11.03	162	239331	66.14	ng		97
30) 1,2,4-Trichlorobenzene	11.26	180	249063	61.00	ng		99
31) Naphthalene	11.45	128	835754	60.25	ng		100
32) Benzoic acid	10.67	122	176463	79.26	ng	#	80
33) 4-Chloroaniline	11.54	127	361896	63.30	ng	#	88
34) Hexachlorobutadiene	11.73	225	154209	61.56	ng		98
35) Caprolactam	12.34	113	87389m	71.04	ng		
36) 4-Chloro-3-methylphenol	12.62	107	294707	63.79	ng		88
37) 2-Methylnaphthalene	13.02	142	613778m	60.43	ng		
39) 1,2,4,5-Tetrachlorobenzene	13.37	216	313033	62.63	ng		98
40) Hexachlorocyclopentadiene	13.35	237	169681	69.33	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.60	196	200388	67.32	ng		97
43) 2,4,5-Trichlorophenol	13.67	196	220113	65.52	ng		94
45) 1,1'-Biphenyl	14.00	154	805866	60.62	ng		99
46) 2-Chloronaphthalene	14.05	162	611805	61.83	ng		98
47) 2-Nitroaniline	14.24	65	179601	84.35	ng	#	76
48) Acenaphthylene	14.89	152	1038371	61.79	ng		99
49) Dimethylphthalate	14.60	163	799573	61.89	ng		98
50) 2,6-Dinitrotoluene	14.72	165	165779	82.36	ng	#	78
51) Acenaphthene	15.23	154	678472	62.27	ng		98
52) 3-Nitroaniline	15.06	138	174379	82.70	ng		85
53) 2,4-Dinitrophenol	15.26	184	70127	86.26	ng		89
54) Dibenzofuran	15.56	168	928599	60.12	ng		92
55) 4-Nitrophenol	15.33	139	148207	76.57	ng	#	55
56) 2,4-Dinitrotoluene	15.51	165	214339	87.05	ng	#	86
57) Fluorene	16.21	166	826524	60.19	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.77	232	204102	68.87	ng		98
59) Diethylphthalate	15.96	149	799984	62.01	ng		99
60) 4-Chlorophenyl-phenylether	16.19	204	420693	61.34	ng		92
61) 4-Nitroaniline	16.23	138	179498	83.95	ng	#	65
62) Azobenzene	16.48	77	738470	61.78	ng		89
64) 4,6-Dinitro-2-methylphenol	16.27	198	110020	83.18	ng		93
65) n-Nitrosodiphenylamine	16.40	169	714017	61.49	ng		99
66) 4-Bromophenyl-phenylether	17.09	248	275672	63.67	ng		97
67) Hexachlorobenzene	17.21	284	292784	62.61	ng	#	89
68) Atrazine	17.35	200	256535	68.18	ng		97
69) Pentachlorophenol	17.55	266	182641	74.60	ng		99
70) Phenanthrene	17.96	178	1247553	59.05	ng		97
71) Anthracene	18.05	178	1271811	60.54	ng		99
72) Carbazole	18.31	167	1223232	62.21	ng		97
73) Di-n-butylphthalate	18.85	149	1264361	68.26	ng	#	94
74) Fluoranthene	19.95	202	1390564	62.66	ng		95
76) Benzidine	20.12	184	798280	68.63	ng		99
77) Pyrene	20.31	202	1447191	54.29	ng		100
79) Butylbenzylphthalate	21.20	149	573003	64.13	ng		91
80) Benzo(a)anthracene	22.29	228	1465752	60.20	ng		98
81) 3,3'-Dichlorobenzidine	22.18	252	595578	64.04	ng		98
82) Chrysene	22.37	228	1409706	60.22	ng		99
83) Bis(2-ethylhexyl)phthalate	22.17	149	838909	61.23	ng		99
84) Di-n-octyl phthalate	23.56	149	1405079	62.23	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.32	276	1741799	62.37	ng	#	92
87) Benzo(b)fluoranthene	24.84	252	1539488	63.14	ng	#	97
88) Benzo(k)fluoranthene	24.92	252	1464193	61.05	ng	#	93
89) Benzo(a)pyrene	25.86	252	1440795	62.92	ng	#	96
90) Dibenzo(a,h)anthracene	30.40	278	1524626	64.05	ng	#	94
91) Benzo(g,h,i)perylene	31.67	276	1457517	62.93	ng	#	89

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

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