Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060517\
Data File : BG027229.D
Acq On : 6 Jun 2017 1:48
Operator : SJ/MA
Sample : I3407-03MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0025MSD

Manual Integrations APPROVED
mohammad
6/6/2017 5:14:28 PM

Quant Time: Jun 06 05:20:38 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	8.57	152	51040	20.00	ng		-0.01
21) Naphthalene-d8	11.39	136	244457	20.00	ng		0.00
38) Acenaphthene-d10	15.15	164	161963	20.00	ng		0.00
63) Phenanthrene-d10	17.90	188	362717	20.00	ng		-0.01
75) Chrysene-d12	22.30	240	412935	20.00	ng		-0.01
86) Perylene-d12	26.01	264	390128	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.15	112	124753	37.30	ng		0.00
7) Phenol-d6	7.70	99	121353	24.72	ng		0.00
23) Nitrobenzene-d5	9.74	82	438250	112.75	ng		0.00
41) 2,4,6-Tribromophenol	16.64	330	190325	89.24	ng		0.00
44) 2-Fluorobiphenyl	13.79	172	1122799	96.98	ng		0.00
78) Terphenyl-d14	20.48	244	1561332	96.45	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	4.16	88	20492	14.78	ng	#	76
3) Pyridine	4.54	79	50776	11.88	ng	#	75
4) n-Nitrosodimethylamine	4.45	42	30368	19.18	ng	#	57
6) Aniline	7.89	93	112221	18.15	ng	#	92
8) 2-Chlorophenol	8.13	128	84171	23.83	ng		88
9) Benzaldehyde	7.72	77	120609	35.53	ng	#	1
10) Phenol	7.73	94	47472	9.45	ng	#	66
11) bis(2-Chloroethyl)ether	7.97	93	190020	46.13	ng		87
12) 1,3-Dichlorobenzene	8.46	146	176320	44.26	ng	#	91
13) 1,4-Dichlorobenzene	8.60	146	183660	44.92	ng		97
14) 1,2-Dichlorobenzene	8.93	146	181875	45.61	ng		92
15) Benzyl Alcohol	8.80	79	107580	31.10	ng	#	81
16) 2,2'-oxybis(1-Chloropropan	9.08	45	264466	44.87	ng		89
17) 2-Methylphenol	8.98	107	89042	25.09	ng	#	87
18) Hexachloroethane	9.67	117	100104	72.69	ng	#	23
19) n-Nitroso-di-n-propylamine	9.36	70	165742	48.25	ng	#	85
20) 3+4-Methylphenols	9.31	107	100649	20.47	ng		87
22) Acetophenone	9.38	105	415884	66.52	ng	#	81
24) Nitrobenzene	9.78	77	233995	52.84	ng	#	86
25) Isophorone	10.30	82	452564	49.51	ng	#	96
26) 2-Nitrophenol	10.49	139	51809	31.32	ng	#	76
27) 2,4-Dimethylphenol	10.52	122	173880	44.25	ng		91
28) bis(2-Chloroethoxy)methane	10.77	93	293698	49.63	ng		99
29) 2,4-Dichlorophenol	11.02	162	103953	28.98	ng		96
30) 1,2,4-Trichlorobenzene	11.25	180	191828	48.29	ng		98
31) Naphthalene	11.45	128	1304190	97.62	ng		99
32) Benzoic acid	10.59	122	17464	13.37	ng		92
33) 4-Chloroaniline	11.53	127	107172	19.25	ng	#	87
34) Hexachlorobutadiene	11.72	225	112910	46.25	ng		98
35) Caprolactam	12.36	113	10354	8.41	ng		91
36) 4-Chloro-3-methylphenol	12.61	107	145234	32.30	ng		89
37) 2-Methylnaphthalene	13.01	142	695551m	71.37	ng		
39) 1,2,4,5-Tetrachlorobenzene	13.36	216	235539	46.68	ng		98
40) Hexachlorocyclopentadiene	13.34	237	228844	85.21	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.59	196	90836	29.68	ng		97
43) 2,4,5-Trichlorophenol	13.66	196	98376	28.73	ng		95
45) 1,1'-Biphenyl	13.99	154	656626	49.67	ng		97
46) 2-Chloronaphthalene	14.04	162	485223	48.96	ng		100
47) 2-Nitroaniline	14.23	65	158966	55.20	ng	#	78
48) Acenaphthylene	14.88	152	778818	46.43	ng		98
49) Dimethylphthalate	14.60	163	751762	58.51	ng		98
50) 2,6-Dinitrotoluene	14.72	165	141922	53.63	ng	#	71
51) Acenaphthene	15.22	154	538002	49.31	ng		99
52) 3-Nitroaniline	15.05	138	62312	25.76	ng		89
53) 2,4-Dinitrophenol	15.25	184	74661	65.04	ng	#	89
54) Dibenzofuran	15.55	168	791845	51.93	ng		92
55) 4-Nitrophenol	15.33	139	47109	24.05	ng	#	56
56) 2,4-Dinitrotoluene	15.50	165	191112	55.89	ng	#	84
57) Fluorene	16.20	166	644382	47.58	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.77	232	93577m	30.61	ng		
59) Diethylphthalate	15.95	149	670398	52.31	ng		97
60) 4-Chlorophenyl-phenylether	16.18	204	332360	48.72	ng		95
61) 4-Nitroaniline	16.21	138	135348	48.75	ng	#	65
62) Azobenzene	16.48	77	647119	54.48	ng		89
64) 4,6-Dinitro-2-methylphenol	16.26	198	54443	37.16	ng		86
65) n-Nitrosodiphenylamine	16.39	169	580738	51.07	ng		99
66) 4-Bromophenyl-phenylether	17.08	248	220908	51.46	ng		98
67) Hexachlorobenzene	17.20	284	234632	50.81	ng		92
68) Atrazine	17.34	200	204908	53.89	ng		97
69) Pentachlorophenol	17.55	266	158980	58.74	ng		98
70) Phenanthrene	17.95	178	1015470	49.76	ng		96
71) Anthracene	18.04	178	1038067	50.77	ng		99
72) Carbazole	18.30	167	913678	47.38	ng		96
73) Di-n-butylphthalate	18.84	149	1105462	59.12	ng	#	94
74) Fluoranthene	19.94	202	1157357	53.09	ng		95
76) Benzidine	20.11	184	131581	10.58	ng		97
77) Pyrene	20.30	202	1179733	47.28	ng		98
79) Butylbenzylphthalate	21.19	149	503861	57.15	ng		90
80) Benzo(a)anthracene	22.28	228	1193748	50.69	ng		96
81) 3,3'-Dichlorobenzidine	22.17	252	227981	24.89	ng		97
82) Chrysene	22.35	228	1088288	48.14	ng		96
83) Bis(2-ethylhexyl)phthalate	22.15	149	731281	54.89	ng		99
84) Di-n-octyl phthalate	23.54	149	1241274	56.25	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.28	276	1432764	52.33	ng	#	93
87) Benzo(b)fluoranthene	24.82	252	1231251	50.89	ng	#	96
88) Benzo(k)fluoranthene	24.90	252	1183205	49.85	ng	#	94
89) Benzo(a)pyrene	25.83	252	1172027	51.46	ng	#	95
90) Dibenzo(a,h)anthracene	30.37	278	1226634	51.45	ng	#	95
91) Benzo(g,h,i)perylene	31.63	276	1168710	50.61	ng	#	91

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

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