Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010917\
Data File : BG025442.D
Acq On : 9 Jan 2017 22:47
Operator : UM/SJ
Sample : I1073-02MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
L-SWITCH-SP-0-2-COMPMSD

Manual Integrations APPROVED
Sohil
1/10/2017 9:59:50 AM

Quant Time: Jan 10 00:27:00 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 18:42:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	55982	20.00	ng		-0.02
21) Naphthalene-d8	11.03	136	225672	20.00	ng		-0.01
38) Acenaphthene-d10	14.83	164	184743	20.00	ng		-0.01
63) Phenanthrene-d10	17.57	188	443675	20.00	ng		-0.01
75) Chrysene-d12	21.86	240	632836	20.00	ng		-0.02
86) Perylene-d12	25.26	264	629596	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.74	112	475459	154.38	ng		-0.01
7) Phenol-d6	7.36	99	624171	143.90	ng		-0.01
23) Nitrobenzene-d5	9.38	82	522566	102.30	ng		-0.02
41) 2,4,6-Tribromophenol	16.32	330	447746	150.54	ng		-0.01
44) 2-Fluorobiphenyl	13.45	172	1127027	98.77	ng		-0.01
78) Terphenyl-d14	20.15	244	2172799	91.03	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	54417	41.41	ng	#	56
3) Pyridine	4.01	79	136808	35.91	ng		94
4) n-Nitrosodimethylamine	3.91	42	109290	48.33	ng		95
6) Aniline	7.53	93	102725	17.48	ng		97
8) 2-Chlorophenol	7.77	128	165810	47.72	ng		97
9) Benzaldehyde	7.35	77	15221	4.80	ng		87
10) Phenol	7.39	94	211922	44.07	ng		97
11) bis(2-Chloroethyl)ether	7.61	93	171987	46.42	ng		94
12) 1,3-Dichlorobenzene	8.08	146	196800	46.81	ng		94
13) 1,4-Dichlorobenzene	8.23	146	196221	45.03	ng		96
14) 1,2-Dichlorobenzene	8.55	146	192806	46.37	ng		96
15) Benzyl Alcohol	8.44	79	197101	47.60	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.72	45	314747	45.87	ng		92
17) 2-Methylphenol	8.65	107	153804	48.71	ng		92
18) Hexachloroethane	9.28	117	75765	45.28	ng	#	87
19) n-Nitroso-di-n-propylamine	9.01	70	173888	47.46	ng	#	98
20) 3+4-Methylphenols	8.98	107	210699	48.21	ng		96
22) Acetophenone	9.04	105	291219	46.45	ng	#	96
24) Nitrobenzene	9.42	77	271672	48.49	ng	#	91
25) Isophorone	9.94	82	479223	51.81	ng		98
26) 2-Nitrophenol	10.14	139	102715	47.93	ng		91
27) 2,4-Dimethylphenol	10.19	122	185225	52.58	ng		97
28) bis(2-Chloroethoxy)methane	10.42	93	249288	51.90	ng		98
29) 2,4-Dichlorophenol	10.69	162	194430	51.57	ng		96
30) 1,2,4-Trichlorobenzene	10.89	180	205822	45.19	ng		95
31) Naphthalene	11.08	128	530572	47.08	ng		99
32) Benzoic acid	10.34	122	92685	32.71	ng		92
34) Hexachlorobutadiene	11.33	225	172162	46.31	ng		98
35) Caprolactam	11.98	113	62031m	43.79	ng		
36) 4-Chloro-3-methylphenol	12.31	107	233366	50.15	ng		99
37) 2-Methylnaphthalene	12.67	142	417700	50.01	ng		99
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	289038	47.39	ng	#	97
40) Hexachlorocyclopentadiene	12.99	237	276530	119.43	ng		92
42) 2,4,6-Trichlorophenol	13.28	196	180459	46.99	ng		99

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Quant Time: Jan 10 00:27:00 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.37	196	190657	47.43	ng	#	90
45) 1,1'-Biphenyl	13.66	154	599987	48.28	ng		99
46) 2-Chloronaphthalene	13.71	162	459313	47.31	ng		97
47) 2-Nitroaniline	13.93	65	194003	47.34	ng		95
48) Acenaphthylene	14.55	152	725852	48.24	ng		98
49) Dimethylphthalate	14.27	163	675823	50.18	ng		98
50) 2,6-Dinitrotoluene	14.41	165	143272	48.69	ng		98
51) Acenaphthene	14.89	154	458718	46.61	ng		97
52) 3-Nitroaniline	14.76	138	21440	7.58	ng	#	79
53) 2,4-Dinitrophenol	14.97	184	189295	96.96	ng	#	83
54) Dibenzofuran	15.22	168	781767	50.25	ng		99
55) 4-Nitrophenol	15.07	139	196382	92.96	ng		93
56) 2,4-Dinitrotoluene	15.20	165	220173	51.39	ng	#	92
57) Fluorene	15.87	166	636421	48.86	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.45	232	213947	49.68	ng		93
59) Diethylphthalate	15.62	149	696663	49.33	ng		99
60) 4-Chlorophenyl-phenylether	15.85	204	354351	48.00	ng		94
61) 4-Nitroaniline	15.92	138	102728	36.09	ng		88
62) Azobenzene	16.14	77	727546	53.42	ng		97
64) 4,6-Dinitro-2-methylphenol	15.97	198	145734	47.43	ng		90
65) n-Nitrosodiphenylamine	16.07	169	560592	46.75	ng		97
66) 4-Bromophenyl-phenylether	16.74	248	261296	47.74	ng		93
67) Hexachlorobenzene	16.87	284	294335	46.86	ng		90
68) Atrazine	17.01	200	198021	37.69	ng		99
69) Pentachlorophenol	17.23	266	319982	98.27	ng		98
70) Phenanthrene	17.61	178	1099432	48.09	ng		97
71) Anthracene	17.71	178	1133982	48.81	ng		99
72) Carbazole	17.98	167	955113	45.96	ng		96
73) Di-n-butylphthalate	18.50	149	1241880	48.58	ng		97
74) Fluoranthene	19.61	202	1470915	48.71	ng		95
77) Pyrene	19.98	202	1499306	45.33	ng		100
79) Butylbenzylphthalate	20.82	149	622307	46.86	ng		94
80) Benzo(a)anthracene	21.84	228	1656841	46.94	ng		98
81) 3,3'-Dichlorobenzidine	21.76	252	43786	3.19	ng		95
82) Chrysene	21.91	228	1534358	45.33	ng		98
83) Bis(2-ethylhexyl)phthalate	21.69	149	892686	48.30	ng		97
84) Di-n-octyl phthalate	22.94	149	1511549	49.26	ng		96
85) Indeno(1,2,3-cd)pyrene	29.18	276	2026722	47.10	ng	#	96
87) Benzo(b)fluoranthene	24.18	252	1706749	49.68	ng	#	97
88) Benzo(k)fluoranthene	24.25	252	1686220	50.83	ng	#	97
89) Benzo(a)pyrene	25.11	252	1658719	50.00	ng	#	98
90) Dibenzo(a,h)anthracene	29.23	278	1719487	48.90	ng		97
91) Benzo(g,h,i)perylene	30.42	276	1618495	46.32	ng		99

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

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