Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022716\
Data File : BG021140.D
Acq On : 28 Feb 2016 7:27
Operator : UM/SJ
Sample : H1526-03MSD
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P-02MSD

Manual Integrations APPROVED
Sohil
2/29/2016 2:53:06 PM

Quant Time: Feb 29 01:04:05 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 26 16:39:44 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	7315	20.00	ng		-0.01
21) Naphthalene-d8	10.98	136	38990	20.00	ng		-0.02
38) Acenaphthene-d10	14.77	164	25837	20.00	ng		-0.01
63) Phenanthrene-d10	17.51	188	61747	20.00	ng		-0.01
75) Chrysene-d12	21.77	240	64264	20.00	ng		-0.02
86) Perylene-d12	25.05	264	59153	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	67678	161.98	ng		0.00
7) Phenol-d6	7.31	99	113952	183.28	ng		-0.02
23) Nitrobenzene-d5	9.33	82	80689	98.60	ng		-0.02
41) 2,4,6-Tribromophenol	16.25	330	37584	110.95	ng		-0.01
44) 2-Fluorobiphenyl	13.40	172	144040	71.34	ng		-0.01
78) Terphenyl-d14	20.09	244	218786	79.56	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.61	88	6460	33.39	ng	#	89
3) Pyridine	4.01	79	19591	34.62	ng		93
4) n-Nitrosodimethylamine	3.92	42	10427	36.34	ng	#	98
6) Aniline	7.49	93	13084	17.01	ng	#	86
8) 2-Chlorophenol	7.73	128	23722	45.52	ng		86
9) Benzaldehyde	7.30	77	4763	14.14	ng		82
10) Phenol	7.34	94	35911	56.38	ng		84
11) bis(2-Chloroethyl)ether	7.58	93	22240	45.55	ng		91
12) 1,3-Dichlorobenzene	8.06	146	20446	36.86	ng	#	90
13) 1,4-Dichlorobenzene	8.20	146	21617	36.49	ng		98
14) 1,2-Dichlorobenzene	8.52	146	21050	37.52	ng		95
15) Benzyl Alcohol	8.40	79	28754	52.94	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	8.69	45	34672	61.94	ng		92
17) 2-Methylphenol	8.60	107	23078	51.33	ng	#	92
18) Hexachloroethane	9.25	117	9025	40.27	ng		96
19) n-Nitroso-di-n-propylamine	8.97	70	24551	51.19	ng		96
20) 3+4-Methylphenols	8.92	107	33536	53.80	ng		94
22) Acetophenone	8.98	105	38868	36.12	ng	#	95
24) Nitrobenzene	9.37	77	35326	41.79	ng		91
25) Isophorone	9.89	82	67572	44.06	ng		94
26) 2-Nitrophenol	10.08	139	13256	37.09	ng	#	68
27) 2,4-Dimethylphenol	10.13	122	26329	41.76	ng		90
28) bis(2-Chloroethoxy)methane	10.37	93	33936	45.40	ng		94
29) 2,4-Dichlorophenol	10.61	162	24781	40.15	ng		95
30) 1,2,4-Trichlorobenzene	10.83	180	21963	31.40	ng		92
31) Naphthalene	11.02	128	75061	37.48	ng		96
32) Benzoic acid	10.19	122	4800	8.29	ng	#	82
33) 4-Chloroaniline	11.13	127	6677	7.98	ng	#	91
34) Hexachlorobutadiene	11.30	225	13607	29.07	ng		96
35) Caprolactam	11.89	113	10489m	50.30	ng		
36) 4-Chloro-3-methylphenol	12.23	107	34754	45.93	ng	#	83
37) 2-Methylnaphthalene	12.61	142	56946	40.49	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	28580	29.93	ng	#	97
40) Hexachlorocyclopentadiene	12.96	237	32052	51.05	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	22469	37.53	ng		93
43) 2,4,5-Trichlorophenol	13.28	196	24609	40.00	ng		91
45) 1,1'-Biphenyl	13.61	154	75227	34.58	ng		98
46) 2-Chloronaphthalene	13.65	162	59009	35.74	ng		96
47) 2-Nitroaniline	13.85	65	27573	51.55	ng	#	77
48) Acenaphthylene	14.50	152	98085	37.55	ng		99
49) Dimethylphthalate	14.22	163	107022	48.06	ng	#	98
50) 2,6-Dinitrotoluene	14.34	165	18273	39.89	ng	#	64
51) Acenaphthene	14.84	154	69875	39.22	ng		98
52) 3-Nitroaniline	14.67	138	7253	16.27	ng	#	79
53) 2,4-Dinitrophenol	14.87	184	16438	51.46	ng		90
54) Dibenzofuran	15.16	168	93286	41.33	ng		92
55) 4-Nitrophenol	14.97	139	34339	86.85	ng	#	58
56) 2,4-Dinitrotoluene	15.12	165	26685	40.62	ng	#	81
57) Fluorene	15.81	166	80860	36.83	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.39	232	21331	39.89	ng	#	94
59) Diethylphthalate	15.58	149	90192	38.43	ng		99
60) 4-Chlorophenyl-phenylether	15.80	204	39130	32.40	ng		93
61) 4-Nitroaniline	15.83	138	20013	39.43	ng	#	60
62) Azobenzene	16.09	77	105703	51.99	ng		94
64) 4,6-Dinitro-2-methylphenol	15.88	198	15406	34.02	ng		90
65) n-Nitrosodiphenylamine	16.02	169	72174	39.62	ng		95
66) 4-Bromophenyl-phenylether	16.69	248	23658	32.54	ng	#	88
67) Hexachlorobenzene	16.81	284	24664	32.16	ng	#	86
68) Atrazine	16.95	200	27356	40.53	ng		98
69) Pentachlorophenol	17.15	266	32492	62.76	ng		91
70) Phenanthrene	17.55	178	162661	48.96	ng		99
71) Anthracene	17.64	178	131423	39.28	ng		98
72) Carbazole	17.90	167	121555	42.08	ng		97
73) Di-n-butylphthalate	18.46	149	157123	41.26	ng	#	97
74) Fluoranthene	19.54	202	216834	52.03	ng		99
76) Benzidine	19.72	184	45737	27.05	ng		100
77) Pyrene	19.91	202	212252	59.65	ng		98
79) Butylbenzylphthalate	20.78	149	71296	48.01	ng		89
80) Benzo(a)anthracene	21.75	228	175909	47.57	ng		98
81) 3,3'-Dichlorobenzidine	21.66	252	16207	11.20	ng		94
82) Chrysene	21.82	228	160762	45.15	ng		99
83) Bis(2-ethylhexyl)phthalate	21.65	149	106177	46.30	ng		98
84) Di-n-octyl phthalate	22.88	149	178723	46.50	ng		99
85) Indeno(1,2,3-cd)pyrene	28.80	276	169515	39.48	ng	#	100
87) Benzo(b)fluoranthene	24.01	252	177541	48.02	ng		99
88) Benzo(k)fluoranthene	24.08	252	155533	42.67	ng		97
89) Benzo(a)pyrene	24.89	252	158608	44.69	ng		95
90) Dibenzo(a,h)anthracene	28.86	278	134959	37.72	ng		98
91) Benzo(g,h,i)perylene	29.98	276	139861	40.58	ng		96

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

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