Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041315\
Data File : BG016366.D
Acq On : 13 Apr 2015 18:26
Operator : TP/IZ
Sample : G1787-20MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LS-SD01AMSD

Manual Integrations APPROVED
apatel
4/14/2015 5:28:23 PM

Quant Time: Apr 14 03:29:44 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 14 02:12:07 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	82082	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	354539	20.00	ng	0.00
38) Acenaphthene-d10	14.32	164	195177	20.00	ng	0.00
63) Phenanthrene-d10	17.06	188	393720	20.00	ng	0.00
75) Chrysene-d12	21.24	240	346998	20.00	ng	0.00
86) Perylene-d12	23.47	264	321194	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	718581	138.16	ng	0.01
7) Phenol-d6	6.87	99	912978	116.93	ng	0.00
23) Nitrobenzene-d5	8.83	82	575989	94.11	ng	0.00
41) 2,4,6-Tribromophenol	15.81	330	208122	157.67	ng	0.00
44) 2-Fluorobiphenyl	12.94	172	1147192	100.07	ng	0.00
78) Terphenyl-d14	19.69	244	1287160	86.82	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	84912	35.91	ng	# 91
3) Pyridine	3.56	79	176007	24.91	ng	97
4) n-Nitrosodimethylamine	3.47	42	79719	37.95	ng	99
6) Aniline	7.01	93	146864	13.17	ng	98
8) 2-Chlorophenol	7.25	128	278726	44.63	ng	96
9) Benzaldehyde	6.82	77	38847	8.49	ng	99
10) Phenol	6.89	94	310083	37.12	ng	98
11) bis(2-Chloroethyl)ether	7.11	93	268159	40.26	ng	99
12) 1,3-Dichlorobenzene	7.56	146	262497	41.62	ng	98
13) 1,4-Dichlorobenzene	7.71	146	273000	41.72	ng	98
14) 1,2-Dichlorobenzene	8.03	146	261097	41.73	ng	98
15) Benzyl Alcohol	7.92	79	217441	39.95	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.22	45	295604	39.40	ng	99
17) 2-Methylphenol	8.13	107	229635	40.99	ng	98
18) Hexachloroethane	8.75	117	98953	39.53	ng	96
19) n-Nitroso-di-n-propylamine	8.48	70	199318	35.63	ng	98
20) 3+4-Methylphenols	8.46	107	304682	39.27	ng	100
22) Acetophenone	8.50	105	371613	45.20	ng	99
24) Nitrobenzene	8.87	77	278552	42.56	ng	93
25) Isophorone	9.40	82	543556	39.99	ng	97
26) 2-Nitrophenol	9.59	139	154028	50.47	ng	96
27) 2,4-Dimethylphenol	9.65	122	267848	47.12	ng	99
28) bis(2-Chloroethoxy)methane	9.89	93	330605	42.62	ng	99
29) 2,4-Dichlorophenol	10.12	162	232394	51.66	ng	98
30) 1,2,4-Trichlorobenzene	10.33	180	221065	47.07	ng	99
31) Naphthalene	10.51	128	820687	44.42	ng	100
32) Benzoic acid	9.79	122	146030	40.95	ng	97
33) 4-Chloroaniline	10.63	127	42663	4.92	ng	97
34) Hexachlorobutadiene	10.80	225	96156	46.61	ng	99
35) Caprolactam	11.44	113	92316m	32.60	ng	
36) 4-Chloro-3-methylphenol	11.77	107	266919	44.92	ng	94
37) 2-Methylnaphthalene	12.13	142	587976	44.24	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.51	216	203450	47.34	ng	99
40) Hexachlorocyclopentadiene	12.48	237	165911	84.35	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.75	196	160146	50.15	ng	98
43) 2,4,5-Trichlorophenol	12.82	196	174127	51.04	ng	95
45) 1,1'-Biphenyl	13.15	154	699411	46.71	ng	98
46) 2-Chloronaphthalene	13.19	162	528089	46.30	ng	99
47) 2-Nitroaniline	13.40	65	167480	45.56	ng	92
48) Acenaphthylene	14.04	152	883770	43.58	ng	99
49) Dimethylphthalate	13.78	163	639988	44.74	ng	99
50) 2,6-Dinitrotoluene	13.90	165	163976	47.40	ng	94
51) Acenaphthene	14.39	154	547354	45.16	ng	99
52) 3-Nitroaniline	14.23	138	84690	19.17	ng	89
53) 2,4-Dinitrophenol	14.44	184	179033	88.45	ng	94
54) Dibenzofuran	14.72	168	782003	46.50	ng	98
55) 4-Nitrophenol	14.56	139	321797	88.13	ng	98
56) 2,4-Dinitrotoluene	14.69	165	229565	48.72	ng	92
57) Fluorene	15.37	166	676669	45.61	ng	99
58) 2,3,4,6-Tetrachlorophenol	14.95	232	133000	50.51	ng	95
59) Diethylphthalate	15.15	149	683600	44.90	ng	99
60) 4-Chlorophenyl-phenylether	15.36	204	279796	46.10	ng	96
61) 4-Nitroaniline	15.40	138	210749	42.02	ng	97
62) Azobenzene	15.65	77	691886	42.69	ng	99
64) 4,6-Dinitro-2-methylphenol	15.46	198	121110	44.05	ng	96
65) n-Nitrosodiphenylamine	15.58	169	609178	45.77	ng	99
66) 4-Bromophenyl-phenylether	16.25	248	147994	47.08	ng	98
67) Hexachlorobenzene	16.37	284	150572	46.09	ng	99
68) Atrazine	16.53	200	176764	47.65	ng	99
69) Pentachlorophenol	16.72	266	196618	98.55	ng	97
70) Phenanthrene	17.10	178	1010590	45.63	ng	99
71) Anthracene	17.19	178	1016446	46.32	ng	99
72) Carbazole	17.47	167	1067156	48.45	ng	99
73) Di-n-butylphthalate	18.03	149	1236835	45.89	ng	99
74) Fluoranthene	19.12	202	1057626	46.34	ng	97
76) Benzidine	19.31	184	44010	2.99	ng	99
77) Pyrene	19.48	202	1091025	45.15	ng	99
79) Butylbenzylphthalate	20.38	149	592413	49.90	ng	95
80) Benzo(a)anthracene	21.22	228	945003	46.08	ng	100
81) 3,3'-Dichlorobenzidine	21.16	252	175311	25.99	ng	99
82) Chrysene	21.28	228	907957	45.86	ng	100
83) Bis(2-ethylhexyl)phthalate	21.15	149	811637	50.50	ng	97
84) Di-n-octyl phthalate	22.02	149	1347056	51.45	ng	99
85) Indeno(1,2,3-cd)pyrene	25.75	276	1000341	48.63	ng	99
87) Benzo(b)fluoranthene	22.80	252	934263	49.66	ng	99
88) Benzo(k)fluoranthene	22.85	252	849600	46.15	ng	99
89) Benzo(a)pyrene	23.38	252	883930	50.14	ng	99
90) Dibenzo(a,h)anthracene	25.76	278	826975	48.20	ng	99
91) Benzo(g,h,i)perylene	26.45	276	855848	49.94	ng	98

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

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