Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041715\
Data File : BG016513.D
Acq On : 18 Apr 2015 8:19
Operator : TP/IZ
Sample : G1868-04MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P5-28(0-5)MS

Manual Integrations APPROVED
apatel
4/20/2015 3:59:26 PM

Quant Time: Apr 20 03:25:17 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 20 02:16:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	71573	20.00	ng		0.00
21) Naphthalene-d8	10.45	136	312643	20.00	ng		0.00
38) Acenaphthene-d10	14.30	164	176071	20.00	ng		0.00
63) Phenanthrene-d10	17.04	188	361762	20.00	ng		0.00
75) Chrysene-d12	21.23	240	317429	20.00	ng		0.00
86) Perylene-d12	23.45	264	303968	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	503114	110.94	ng		0.00
7) Phenol-d6	6.85	99	703293	103.30	ng		0.00
23) Nitrobenzene-d5	8.82	82	362565	67.18	ng		0.00
41) 2,4,6-Tribromophenol	15.79	330	133784	112.35	ng		0.00
44) 2-Fluorobiphenyl	12.92	172	755850	73.09	ng		0.00
78) Terphenyl-d14	19.67	244	877859	64.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.13	88	57062	27.68	ng		99
3) Pyridine	3.52	79	162384	26.35	ng		96
4) n-Nitrosodimethylamine	3.45	42	52813	28.83	ng		99
6) Aniline	6.99	93	85209	8.76	ng		96
8) 2-Chlorophenol	7.23	128	189403	34.78	ng		94
9) Benzaldehyde	6.80	77	32937	8.26	ng		87
10) Phenol	6.87	94	243606	33.44	ng		99
11) bis(2-Chloroethyl)ether	7.09	93	175252	30.17	ng		98
12) 1,3-Dichlorobenzene	7.55	146	178900	32.53	ng		97
13) 1,4-Dichlorobenzene	7.70	146	182673	32.02	ng		98
14) 1,2-Dichlorobenzene	8.01	146	177214	32.48	ng		98
15) Benzyl Alcohol	7.90	79	138303	29.14	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.20	45	179008	27.36	ng		97
17) 2-Methylphenol	8.11	107	157677	32.28	ng		96
18) Hexachloroethane	8.72	117	67387	30.88	ng		96
19) n-Nitroso-di-n-propylamine	8.47	70	125728	25.78	ng		97
20) 3+4-Methylphenols	8.44	107	213784	31.60	ng		97
22) Acetophenone	8.48	105	242671	33.47	ng	#	99
24) Nitrobenzene	8.86	77	179596	31.12	ng		91
25) Isophorone	9.38	82	344442	28.74	ng		97
26) 2-Nitrophenol	9.56	139	102704	38.16	ng		95
27) 2,4-Dimethylphenol	9.64	122	181623	36.23	ng		98
28) bis(2-Chloroethoxy)methane	9.86	93	213351	31.19	ng		99
29) 2,4-Dichlorophenol	10.11	162	157456	39.70	ng		97
30) 1,2,4-Trichlorobenzene	10.31	180	150200	36.27	ng		97
31) Naphthalene	10.49	128	551716	33.87	ng		100
32) Benzoic acid	9.79	122	8810m	10.94	ng		
33) 4-Chloroaniline	10.61	127	66326	8.68	ng		96
34) Hexachlorobutadiene	10.78	225	63920	35.14	ng		95
35) Caprolactam	11.37	113	80525m	32.25	ng		
36) 4-Chloro-3-methylphenol	11.75	107	179870	34.33	ng		94
37) 2-Methylnaphthalene	12.11	142	391948	33.45	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.49	216	137621	35.50	ng		99
40) Hexachlorocyclopentadiene	12.46	237	106448	59.99	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.73	196	103956	36.09	ng	97
43) 2,4,5-Trichlorophenol	12.81	196	115578	37.55	ng	96
45) 1,1'-Biphenyl	13.13	154	467417	34.61	ng	99
46) 2-Chloronaphthalene	13.17	162	357018	34.70	ng	100
47) 2-Nitroaniline	13.39	65	107836	32.52	ng	89
48) Acenaphthylene	14.02	152	606434	33.15	ng	99
49) Dimethylphthalate	13.77	163	462970	35.88	ng	100
50) 2,6-Dinitrotoluene	13.89	165	107706	34.51	ng	94
51) Acenaphthene	14.37	154	364793	33.37	ng	99
52) 3-Nitroaniline	14.22	138	55600	13.95	ng	90
53) 2,4-Dinitrophenol	14.43	184	57254	36.69	ng	93
54) Dibenzofuran	14.70	168	529025	34.87	ng	99
55) 4-Nitrophenol	14.55	139	207674	63.05	ng	96
56) 2,4-Dinitrotoluene	14.68	165	150453	35.39	ng	91
57) Fluorene	15.35	166	458428	34.25	ng	99
58) 2,3,4,6-Tetrachlorophenol	14.94	232	84194	35.45	ng	95
59) Diethylphthalate	15.13	149	441760	32.16	ng	100
60) 4-Chlorophenyl-phenylether	15.35	204	185950	33.96	ng	98
61) 4-Nitroaniline	15.38	138	136600	30.19	ng	96
62) Azobenzene	15.64	77	454014	31.06	ng	98
64) 4,6-Dinitro-2-methylphenol	15.44	198	71317	29.63	ng	94
65) n-Nitrosodiphenylamine	15.56	169	405254	33.14	ng	99
66) 4-Bromophenyl-phenylether	16.24	248	97564	33.78	ng	97
67) Hexachlorobenzene	16.35	284	101275	33.74	ng	97
68) Atrazine	16.52	200	125541	36.83	ng	97
69) Pentachlorophenol	16.70	266	106422	58.06	ng	97
70) Phenanthrene	17.09	178	685285	33.68	ng	100
71) Anthracene	17.17	178	693286	34.38	ng	99
72) Carbazole	17.45	167	714834	35.32	ng	99
73) Di-n-butylphthalate	18.01	149	851992	34.40	ng	99
74) Fluoranthene	19.11	202	723442	34.49	ng	95
76) Benzidine	19.29	184	288273	21.41	ng	98
77) Pyrene	19.47	202	749309	33.90	ng	99
79) Butylbenzylphthalate	20.37	149	399677	36.80	ng	93
80) Benzo(a)anthracene	21.21	228	647538	34.52	ng	98
81) 3,3'-Dichlorobenzidine	21.15	252	100476	16.29	ng	99
82) Chrysene	21.26	228	620008	34.23	ng	99
83) Bis(2-ethylhexyl)phthalate	21.14	149	549355	37.37	ng	98
84) Di-n-octyl phthalate	22.01	149	934830	39.03	ng	97
85) Indeno(1,2,3-cd)pyrene	25.73	276	678590	36.07	ng	98
87) Benzo(b)fluoranthene	22.78	252	600849	33.75	ng	98
88) Benzo(k)fluoranthene	22.83	252	603427	34.64	ng	98
89) Benzo(a)pyrene	23.35	252	597654	35.82	ng	100
90) Dibenzo(a,h)anthracene	25.73	278	565672	34.84	ng	98
91) Benzo(g,h,i)perylene	26.42	276	574177	35.40	ng	98

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

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