Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015956.D
Acq On : 27 Jan 2015 21:59
Operator : TP/IZ
Sample : G1130-02MS
Misc : W
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRILLCUTTINGSMS

Manual Integrations APPROVED
apatel
1/28/2015 5:44:39 PM

Quant Time: Jan 28 02:55:11 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 28 01:36:36 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	71587	20.00	ng		0.00
21) Naphthalene-d8	10.47	136	290151	20.00	ng		0.00
38) Acenaphthene-d10	14.33	164	249327	20.00	ng		0.00
63) Phenanthrene-d10	17.08	188	742179	20.00	ng		0.00
75) Chrysene-d12	21.27	240	1082299	20.00	ng		0.00
86) Perylene-d12	23.52	264	1040530	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	585334	121.76	ng		0.00
7) Phenol-d6	6.87	99	891011	115.02	ng		0.00
23) Nitrobenzene-d5	8.84	82	773720	76.87	ng		0.00
41) 2,4,6-Tribromophenol	15.83	330	723924	158.60	ng		0.00
44) 2-Fluorobiphenyl	12.95	172	1545606	97.26	ng		0.00
78) Terphenyl-d14	19.71	244	3395459	91.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.20	88	81049	32.74	ng	#	94
3) Pyridine	3.59	79	215775	25.85	ng		93
4) n-Nitrosodimethylamine	3.51	42	113880	35.32	ng		96
6) Aniline	7.02	93	118999	10.67	ng	#	85
8) 2-Chlorophenol	7.26	128	193282	41.90	ng		83
9) Benzaldehyde	6.84	77	24780	3.51	ng		92
10) Phenol	6.90	94	330323	37.41	ng		96
11) bis(2-Chloroethyl)ether	7.12	93	247201	36.23	ng		93
12) 1,3-Dichlorobenzene	7.58	146	217823	39.90	ng		95
13) 1,4-Dichlorobenzene	7.72	146	218181	38.71	ng		92
14) 1,2-Dichlorobenzene	8.03	146	206398	37.37	ng		91
15) Benzyl Alcohol	7.93	79	313655	37.01	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.22	45	179704	32.59	ng		94
17) 2-Methylphenol	8.13	107	220913	40.38	ng		93
18) Hexachloroethane	8.75	117	106343	36.70	ng		92
19) n-Nitroso-di-n-propylamine	8.49	70	273682	35.41	ng		94
20) 3+4-Methylphenols	8.46	107	302928	42.25	ng		96
22) Acetophenone	8.50	105	390402	40.15	ng	#	98
24) Nitrobenzene	8.89	77	409917	38.72	ng		97
25) Isophorone	9.40	82	712933	40.06	ng		100
26) 2-Nitrophenol	9.59	139	108954	41.56	ng		86
27) 2,4-Dimethylphenol	9.66	122	217195	43.29	ng		94
28) bis(2-Chloroethoxy)methane	9.89	93	354251	41.12	ng		98
29) 2,4-Dichlorophenol	10.13	162	244511	46.67	ng		95
30) 1,2,4-Trichlorobenzene	10.34	180	266433	41.94	ng		89
31) Naphthalene	10.52	128	624264	42.04	ng		97
32) Benzoic acid	9.82	122	97587m	53.98	ng		
34) Hexachlorobutadiene	10.80	225	275450	44.33	ng		96
35) Caprolactam	11.41	113	101131m	39.28	ng		
36) 4-Chloro-3-methylphenol	11.78	107	325469	42.24	ng	#	80
37) 2-Methylnaphthalene	12.14	142	496558	42.10	ng		86
39) 1,2,4,5-Tetrachlorobenzene	12.51	216	436700	45.93	ng		99
40) Hexachlorocyclopentadiene	12.49	237	593092	82.78	ng		91
42) 2,4,6-Trichlorophenol	12.76	196	282968	50.81	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	12.84	196	316380	50.25	ng		92
45) 1,1'-Biphenyl	13.16	154	716185	45.51	ng		95
46) 2-Chloronaphthalene	13.20	162	626489	47.15	ng	#	89
47) 2-Nitroaniline	13.41	65	291296	42.96	ng		95
48) Acenaphthylene	14.05	152	954083	47.28	ng	#	95
49) Dimethylphthalate	13.80	163	844221	47.06	ng		98
50) 2,6-Dinitrotoluene	13.92	165	193591	47.80	ng		97
51) Acenaphthene	14.40	154	583031	45.99	ng		92
52) 3-Nitroaniline	14.24	138	47962	12.59	ng		99
53) 2,4-Dinitrophenol	14.46	184	244512	79.06	ng	#	87
54) Dibenzofuran	14.73	168	984939	47.08	ng		94
55) 4-Nitrophenol	14.57	139	238201	90.85	ng		91
56) 2,4-Dinitrotoluene	14.71	165	295002	49.78	ng	#	88
57) Fluorene	15.38	166	898183	47.60	ng		94
58) 2,3,4,6-Tetrachlorophenol	14.97	232	350200	50.23	ng		96
59) Diethylphthalate	15.16	149	875692	47.80	ng		99
60) 4-Chlorophenyl-phenylether	15.38	204	604582	48.17	ng		98
61) 4-Nitroaniline	15.41	138	178438	44.15	ng	#	67
62) Azobenzene	15.67	77	1233792	41.60	ng		96
64) 4,6-Dinitro-2-methylphenol	15.47	198	223503	41.73	ng		92
65) n-Nitrosodiphenylamine	15.60	169	864154	40.81	ng		91
66) 4-Bromophenyl-phenylether	16.27	248	470661	43.43	ng		99
67) Hexachlorobenzene	16.39	284	524224	44.74	ng	#	88
68) Atrazine	16.55	200	330201	32.40	ng		99
69) Pentachlorophenol	16.74	266	539365	81.93	ng		96
70) Phenanthrene	17.12	178	1552922	41.71	ng		97
71) Anthracene	17.21	178	1560592	42.71	ng		98
72) Carbazole	17.49	167	1336328	41.49	ng		95
73) Di-n-butylphthalate	18.05	149	1572258	42.41	ng		97
74) Fluoranthene	19.14	202	2092188	42.08	ng		98
76) Benzidine	19.35	184	47901m	3.71	ng		
77) Pyrene	19.51	202	2206983	42.91	ng		99
79) Butylbenzylphthalate	20.41	149	773088	41.00	ng		93
80) Benzo(a)anthracene	21.25	228	2453120	44.70	ng		98
81) 3,3'-Dichlorobenzidine	21.19	252	335217	13.86	ng		94
82) Chrysene	21.31	228	2292991	43.76	ng		98
83) Bis(2-ethylhexyl)phthalate	21.18	149	1079559	42.58	ng		97
84) Di-n-octyl phthalate	22.06	149	1706362	43.50	ng		97
85) Indeno(1,2,3-cd)pyrene	25.83	276	2892647	45.58	ng		99
87) Benzo(b)fluoranthene	22.84	252	2560706	43.11	ng	#	97
88) Benzo(k)fluoranthene	22.89	252	2559851	44.52	ng		99
89) Benzo(a)pyrene	23.43	252	2508549	43.90	ng	#	99
90) Dibenzo(a,h)anthracene	25.83	278	2360160	43.51	ng		100
91) Benzo(g,h,i)perylene	26.52	276	2361223	44.61	ng	#	97

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

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