Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG083116\
Data File : BG023933.D
Acq On : 31 Aug 2016 20:35
Operator : UM/SJ
Sample : H3606-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOQ-SOIL2016-02

Manual Integrations APPROVED
sohil
9/2/2016 7:25:43 AM

Quant Time: Sep 01 03:37:40 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 31 20:05:47 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	30758	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	146164	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	121265	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	318863	20.00	ng	0.00
75) Chrysene-d12	21.84	240	355684	20.00	ng	0.00
86) Perylene-d12	25.22	264	339204	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	348838	199.12	ng	0.00
7) Phenol-d6	7.26	99	516975	191.70	ng	0.00
23) Nitrobenzene-d5	9.27	82	386205	117.96	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	355133	162.55	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	942081	111.38	ng	0.00
78) Terphenyl-d14	20.13	244	1753451	112.27	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units		Qvalue
2) 1,4-Dioxane	3.48	88	12498	17.30	ng	#	87
3) Pyridine	3.91	79	29315	13.50	ng		90
4) n-Nitrosodimethylamine	3.81	42	20746	18.12	ng	#	76
6) Aniline	7.41	93	57731	16.13	ng		89
8) 2-Chlorophenol	7.65	128	42760	21.07	ng		96
9) Benzaldehyde	7.22	77	34356	17.93	ng		90
10) Phenol	7.29	94	62077	21.88	ng		88
11) bis(2-Chloroethyl)ether	7.50	93	35078	15.71	ng		86
12) 1,3-Dichlorobenzene	7.97	146	42210	17.77	ng		98
13) 1,4-Dichlorobenzene	8.12	146	44805	17.80	ng		86
14) 1,2-Dichlorobenzene	8.44	146	42887	18.16	ng		92
15) Benzyl Alcohol	8.34	79	43558	18.32	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.61	45	50207	16.78	ng		90
17) 2-Methylphenol	8.55	107	39996	20.93	ng		96
18) Hexachloroethane	9.17	117	16279	16.80	ng		87
19) n-Nitroso-di-n-propylamine	8.90	70	36454	15.30	ng		95
20) 3+4-Methylphenols	8.88	107	56381	21.17	ng		90
22) Acetophenone	8.92	105	66700	17.63	ng	#	98
24) Nitrobenzene	9.31	77	65137	18.50	ng		96
25) Isophorone	9.84	82	102875	16.20	ng	#	93
26) 2-Nitrophenol	10.03	139	25468	19.03	ng		91
27) 2,4-Dimethylphenol	10.09	122	48811	21.46	ng		91
28) bis(2-Chloroethoxy)methane	10.32	93	56437	17.60	ng		96
29) 2,4-Dichlorophenol	10.59	162	53150	22.05	ng		93
30) 1,2,4-Trichlorobenzene	10.77	180	46409	17.56	ng		96
31) Naphthalene	10.97	128	131697	17.49	ng	#	95
32) Benzoic acid	10.25	122	30786	16.67	ng		96
33) 4-Chloroaniline	11.10	127	48340	15.37	ng		92
34) Hexachlorobutadiene	11.24	225	35012	17.64	ng		92
35) Caprolactam	11.91	113	16964m	19.97	ng		
36) 4-Chloro-3-methylphenol	12.23	107	65687	20.40	ng	#	97
37) 2-Methylnaphthalene	12.58	142	106172	18.53	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	68741	17.08	ng		99
40) Hexachlorocyclopentadiene	12.91	237	26663	17.10	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	51340	19.11	ng		88
43) 2,4,5-Trichlorophenol	13.29	196	53354	19.65	ng		94
45) 1,1'-Biphenyl	13.58	154	165848	17.00	ng		99
46) 2-Chloronaphthalene	13.63	162	120827	16.87	ng		93
47) 2-Nitroaniline	13.85	65	51482	18.25	ng		92
48) Acenaphthylene	14.48	152	208364	17.46	ng		97
49) Dimethylphthalate	14.21	163	173592	16.69	ng		96
50) 2,6-Dinitrotoluene	14.33	165	36840	16.78	ng		89
51) Acenaphthene	14.82	154	125382	16.99	ng		95
52) 3-Nitroaniline	14.68	138	30897	15.05	ng	#	76
53) 2,4-Dinitrophenol	14.90	184	18868	17.31	ng		94
54) Dibenzofuran	15.16	168	195585	16.98	ng		98
55) 4-Nitrophenol	15.04	139	25409	15.55	ng	#	83
56) 2,4-Dinitrotoluene	15.13	165	52549	16.29	ng	#	77
57) Fluorene	15.81	166	166179	16.64	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.40	232	49510	17.96	ng		96
59) Diethylphthalate	15.57	149	185682	16.73	ng		94
60) 4-Chlorophenyl-phenylether	15.79	204	93609	17.41	ng		93
61) 4-Nitroaniline	15.86	138	36372	17.52	ng		92
62) Azobenzene	16.09	77	187017	17.40	ng		95
64) 4,6-Dinitro-2-methylphenol	15.91	198	36602	16.53	ng		93
65) n-Nitrosodiphenylamine	16.01	169	161244	17.80	ng		98
66) 4-Bromophenyl-phenylether	16.70	248	65210	16.81	ng		85
67) Hexachlorobenzene	16.82	284	79181	17.40	ng		96
68) Atrazine	16.97	200	68632	17.61	ng		95
69) Pentachlorophenol	17.18	266	39344	16.28	ng		94
70) Phenanthrene	17.57	178	293064	17.67	ng		94
71) Anthracene	17.66	178	291899	17.25	ng		94
72) Carbazole	17.94	167	262659	17.11	ng		95
73) Di-n-butylphthalate	18.47	149	323500	17.66	ng		95
74) Fluoranthene	19.58	202	361007	18.08	ng		93
76) Benzidine	19.76	184	175356	15.92	ng		94
77) Pyrene	19.94	202	374943	17.14	ng	#	91
79) Butylbenzylphthalate	20.81	149	138704	16.45	ng		94
80) Benzo(a)anthracene	21.81	228	353976m	17.78	ng		
81) 3,3'-Dichlorobenzidine	21.73	252	95856	12.04	ng		96
82) Chrysene	21.88	228	331406	17.49	ng		94
83) Bis(2-ethylhexyl)phthalate	21.69	149	192201	16.65	ng		95
84) Di-n-octyl phthalate	22.95	149	314700	16.62	ng		100
85) Indeno(1,2,3-cd)pyrene	29.07	276	354488	16.89	ng	#	100
87) Benzo(b)fluoranthene	24.13	252	332089m	17.23	ng		
88) Benzo(k)fluoranthene	24.20	252	323098	16.91	ng		93
89) Benzo(a)pyrene	25.05	252	309434	16.91	ng		100
90) Dibenzo(a,h)anthracene	29.13	278	300485	16.70	ng		97
91) Benzo(g,h,i)perylene	30.29	276	288614	16.68	ng		99

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

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