Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
Data File : BG024099.D
Acq On : 23 Sep 2016 22:37
Operator : UM/SJ
Sample : H4818-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 24 01:51:17 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 23 15:35:28 2016
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : LOQ-SOIL2016--02-QT4

Manual Integrations APPROVED

sohil

9/26/2016 6:41:21 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	41540	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	180983	20.00	ng		0.00
38) Acenaphthene-d10	14.71	164	163499	20.00	ng		0.00
63) Phenanthrene-d10	17.48	188	409215	20.00	ng		0.00
75) Chrysene-d12	21.79	240	446686	20.00	ng		0.00
86) Perylene-d12	25.13	264	433638	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	317288	132.33	ng		0.00
7) Phenol-d6	7.21	99	484386	120.06	ng		0.00
23) Nitrobenzene-d5	9.22	82	350757	76.39	ng		0.00
41) 2,4,6-Tribromophenol	16.22	330	275787	117.35	ng		0.00
44) 2-Fluorobiphenyl	13.33	172	735961	75.66	ng		0.00
78) Terphenyl-d14	20.09	244	1478596	67.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	12493	13.61	ng	#	83
3) Pyridine	3.85	79	35950	11.08	ng		96
4) n-Nitrosodimethylamine	3.77	42	19937	12.13	ng	#	88
6) Aniline	7.37	93	51503	9.09	ng		92
8) 2-Chlorophenol	7.61	128	40688	14.18	ng		92
9) Benzaldehyde	7.18	77	42975	19.56	ng		88
10) Phenol	7.24	94	60921	14.36	ng		94
11) bis(2-Chloroethyl)ether	7.45	93	40661	12.16	ng		99
12) 1,3-Dichlorobenzene	7.93	146	42181	13.18	ng		89
13) 1,4-Dichlorobenzene	8.08	146	45939	14.06	ng		95
14) 1,2-Dichlorobenzene	8.40	146	44247	13.92	ng		96
15) Benzyl Alcohol	8.29	79	47219	12.09	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.58	45	56647	12.27	ng		91
17) 2-Methylphenol	8.51	107	37554	13.32	ng		95
18) Hexachloroethane	9.13	117	18560	13.49	ng		97
19) n-Nitroso-di-n-propylamine	8.85	70	47153	11.90	ng	#	91
20) 3+4-Methylphenols	8.84	107	54475	13.30	ng		89
22) Acetophenone	8.88	105	72447	13.88	ng	#	97
24) Nitrobenzene	9.26	77	71788	14.58	ng		94
25) Isophorone	9.78	82	122228	13.05	ng	#	95
26) 2-Nitrophenol	9.99	139	23613	13.52	ng	#	84
27) 2,4-Dimethylphenol	10.05	122	42140	14.43	ng		98
28) bis(2-Chloroethoxy)methane	10.27	93	64363	14.13	ng	#	95
29) 2,4-Dichlorophenol	10.55	162	46227	15.21	ng		92
30) 1,2,4-Trichlorobenzene	10.73	180	47119	14.49	ng		97
31) Naphthalene	10.92	128	133895	14.60	ng		98
32) Benzoic acid	10.19	122	15087	9.22	ng		89
33) 4-Chloroaniline	11.06	127	38483	9.40	ng	#	92
34) Hexachlorobutadiene	11.20	225	32306	12.62	ng		98
35) Caprolactam	11.82	113	19450	15.74	ng		87
36) 4-Chloro-3-methylphenol	12.19	107	60305	14.10	ng		90
37) 2-Methylnaphthalene	12.54	142	104020	14.82	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	63911	13.39	ng		95
40) Hexachlorocyclopentadiene	12.87	237	13060	10.94	ng		98

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)	
42) 2,4,6-Trichlorophenol	13.16	196	42720	13.84	ng		93	
43) 2,4,5-Trichlorophenol	13.25	196	42243	13.30	ng	#	97	
45) 1,1'-Biphenyl	13.54	154	152015	13.60	ng		98	
46) 2-Chloronaphthalene	13.59	162	116494	13.96	ng		99	
47) 2-Nitroaniline	13.82	65	53237	13.71	ng		97	
48) Acenaphthylene	14.44	152	199796	14.10	ng		98	sohil
49) Dimethylphthalate	14.16	163	178921	14.26	ng		99	
50) 2,6-Dinitrotoluene	14.30	165	39450	14.97	ng		89	
51) Acenaphthene	14.78	154	125538	14.61	ng		96	
52) 3-Nitroaniline	14.64	138	27889	10.60	ng		90	
53) 2,4-Dinitrophenol	14.87	184	13196	11.38	ng	#	84	
54) Dibenzofuran	15.11	168	212994	15.92	ng		99	9/26/2016 6:41:21 PM
55) 4-Nitrophenol	15.01	139	21762	15.06	ng	#	83	
56) 2,4-Dinitrotoluene	15.10	165	58791	14.66	ng	#	85	
57) Fluorene	15.77	166	175373	15.06	ng		95	
58) 2,3,4,6-Tetrachlorophenol	15.36	232	50307	16.40	ng		95	
59) Diethylphthalate	15.53	149	201784	14.94	ng		97	
60) 4-Chlorophenyl-phenylether	15.75	204	90330	14.48	ng		93	
61) 4-Nitroaniline	15.82	138	35645	13.08	ng	#	73	
62) Azobenzene	16.05	77	220455	16.06	ng		89	
64) 4,6-Dinitro-2-methylphenol	15.88	198	32812	11.55	ng		90	
65) n-Nitrosodiphenylamine	15.98	169	163081	14.57	ng		96	
66) 4-Bromophenyl-phenylether	16.65	248	65558	13.81	ng		91	
67) Hexachlorobenzene	16.78	284	70722	13.22	ng		97	
68) Atrazine	16.92	200	76408	15.46	ng		95	
69) Pentachlorophenol	17.15	266	25431	12.33	ng		91	
70) Phenanthrene	17.52	178	322578m	15.48	ng			
71) Anthracene	17.62	178	318297	14.87	ng		97	
72) Carbazole	17.90	167	290868	14.59	ng		98	
73) Di-n-butylphthalate	18.43	149	361535	13.86	ng	#	94	
74) Fluoranthene	19.54	202	402566	14.79	ng		92	
76) Benzidine	19.73	184	98148	7.76	ng	#	95	
77) Pyrene	19.91	202	408622	13.10	ng		93	
79) Butylbenzylphthalate	20.78	149	153132	13.33	ng		97	
80) Benzo(a)anthracene	21.77	228	377638	14.85	ng		93	
81) 3,3'-Dichlorobenzidine	21.68	252	71891	7.89	ng	#	97	
82) Chrysene	21.84	228	357355	14.95	ng		97	
83) Bis(2-ethylhexyl)phthalate	21.64	149	216926	15.81	ng	#	96	
84) Di-n-octyl phthalate	22.88	149	372637	15.74	ng		100	
85) Indeno(1,2,3-cd)pyrene	28.96	276	421439	15.81	ng	#	100	
87) Benzo(b)fluoranthene	24.06	252	369849	14.66	ng	#	95	
88) Benzo(k)fluoranthene	24.13	252	366610	14.63	ng	#	96	
89) Benzo(a)pyrene	24.97	252	370819	15.20	ng		96	
90) Dibenzo(a,h)anthracene	29.01	278	344951	14.16	ng	#	97	
91) Benzo(g,h,i)perylene	30.15	276	350956	14.30	ng	#	93	

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

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