Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
Data File : BF084198.D
Acq On : 31 Dec 2015 16:48
Operator : UM/SJ
Sample : G4825-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOQ-SOIL2016-02

Manual Integrations APPROVED
UMANGI
1/4/2016 4:28:44 PM

Quant Time: Jan 02 03:45:51 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 31 14:15:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	303199	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	1248974	20.00	ng		0.00
38) Acenaphthene-d10	9.94	164	557099	20.00	ng		-0.01
63) Phenanthrene-d10	11.42	188	1071496	20.00	ng		0.00
75) Chrysene-d12	14.07	240	877246	20.00	ng		0.00
86) Perylene-d12	15.51	264	650741	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1796005	95.81	ng		0.01
7) Phenol-d6	6.53	99	2556377	108.59	ng		0.00
23) Nitrobenzene-d5	7.46	82	1555390	69.31	ng		-0.01
41) 2,4,6-Tribromophenol	10.73	330	587432	104.44	ng		-0.01
44) 2-Fluorobiphenyl	9.26	172	2448838	76.71	ng		0.00
78) Terphenyl-d14	13.01	244	2407180	61.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	116051	13.07	ng	#	74
3) Pyridine	3.36	79	325126	13.13	ng	#	73
4) n-Nitrosodimethylamine	3.26	42	171052	13.46	ng		80
6) Aniline	6.56	93	319954	9.29	ng	#	81
8) 2-Chlorophenol	6.68	128	335510	15.78	ng		91
9) Benzaldehyde	6.44	77	252571	16.48	ng		95
10) Phenol	6.54	94	286604	10.71	ng		76
11) bis(2-Chloroethyl)ether	6.64	93	332049	16.01	ng		87
12) 1,3-Dichlorobenzene	6.84	146	330538	15.07	ng		98
13) 1,4-Dichlorobenzene	6.92	146	325208m	14.78	ng		
14) 1,2-Dichlorobenzene	7.07	146	315215	14.96	ng		98
15) Benzyl Alcohol	7.04	79	299216	15.11	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.18	45	561159	14.86	ng		84
17) 2-Methylphenol	7.15	107	274310	15.39	ng		99
18) Hexachloroethane	7.41	117	123154	14.00	ng		94
19) n-Nitroso-di-n-propylamine	7.31	70	227558	14.28	ng	#	67
20) 3+4-Methylphenols	7.30	107	323507	15.44	ng	#	71
22) Acetophenone	7.31	105	455131	15.15	ng	#	98
24) Nitrobenzene	7.48	77	364896	16.03	ng		99
25) Isophorone	7.72	82	641619	14.95	ng		98
26) 2-Nitrophenol	7.80	139	152984	14.77	ng		95
27) 2,4-Dimethylphenol	7.84	122	310372	14.80	ng		96
28) bis(2-Chloroethoxy)methane	7.94	93	407712	15.55	ng		99
29) 2,4-Dichlorophenol	8.04	162	265006	15.17	ng		94
30) 1,2,4-Trichlorobenzene	8.12	180	269726	14.96	ng		95
31) Naphthalene	8.20	128	873009	15.41	ng		98
32) Benzoic acid	7.90	122	115427	13.69	ng		92
33) 4-Chloroaniline	8.26	127	230652	8.88	ng	#	89
34) Hexachlorobutadiene	8.33	225	146657	14.15	ng		98
35) Caprolactam	8.60	113	87029	14.78	ng	#	74
36) 4-Chloro-3-methylphenol	8.73	107	281663	14.40	ng		89
37) 2-Methylnaphthalene	8.90	142	617604	15.18	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	236421	14.76	ng		98
40) Hexachlorocyclopentadiene	9.06	237	149578	15.47	ng		99

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Quant Time: Jan 02 03:45:51 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	183365	15.30	ng		96
43) 2,4,5-Trichlorophenol	9.21	196	164970	14.36	ng	#	79
45) 1,1'-Biphenyl	9.37	154	746455	16.86	ng		95
46) 2-Chloronaphthalene	9.39	162	572266	16.45	ng	#	89
47) 2-Nitroaniline	9.48	65	180679	15.74	ng	#	77
48) Acenaphthylene	9.80	152	896964	17.46	ng		98
49) Dimethylphthalate	9.66	163	701859	17.62	ng	#	91
50) 2,6-Dinitrotoluene	9.72	165	148133	16.96	ng	#	70
51) Acenaphthene	9.97	154	567268	16.46	ng		97
52) 3-Nitroaniline	9.88	138	114542	10.58	ng		90
53) 2,4-Dinitrophenol	9.98	184	29034	11.01	ng	#	1
54) Dibenzofuran	10.14	168	796478	15.92	ng		95
55) 4-Nitrophenol	10.04	139	113597	14.46	ng		87
56) 2,4-Dinitrotoluene	10.12	165	197056	17.82	ng		88
57) Fluorene	10.49	166	604127	15.97	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.26	232	151959	15.49	ng		97
59) Diethylphthalate	10.36	149	626364	15.95	ng		97
60) 4-Chlorophenyl-phenylether	10.49	204	279100	13.65	ng		90
61) 4-Nitroaniline	10.50	138	146671	15.20	ng		84
62) Azobenzene	10.65	77	700159	16.26	ng		93
64) 4,6-Dinitro-2-methylphenol	10.52	198	61271	13.38	ng	#	46
65) n-Nitrosodiphenylamine	10.60	169	550987	16.08	ng		98
66) 4-Bromophenyl-phenylether	10.97	248	173133	15.01	ng	#	66
67) Hexachlorobenzene	11.04	284	205384	15.82	ng		99
68) Atrazine	11.13	200	202413	18.05	ng		97
69) Pentachlorophenol	11.23	266	80310	11.93	ng		99
70) Phenanthrene	11.45	178	956817	17.07	ng		98
71) Anthracene	11.50	178	935121	17.02	ng		98
72) Carbazole	11.65	167	882622	16.43	ng		100
73) Di-n-butylphthalate	12.00	149	1030307	13.81	ng		100
74) Fluoranthene	12.64	202	987657	16.87	ng		95
76) Benzidine	12.75	184	255066	8.11	ng		96
77) Pyrene	12.87	202	1008997	14.66	ng		99
79) Butylbenzylphthalate	13.49	149	423760	14.23	ng	#	81
80) Benzo(a)anthracene	14.05	228	771020	14.97	ng		99
81) 3,3'-Dichlorobenzidine	14.01	252	135071	7.51	ng	#	91
82) Chrysene	14.09	228	748100	15.11	ng		100
83) Bis(2-ethylhexyl)phthalate	14.05	149	577992	15.36	ng	#	97
84) Di-n-octyl phthalate	14.66	149	929528	14.63	ng	#	86
85) Indeno(1,2,3-cd)pyrene	16.91	276	525386	13.39	ng		99
87) Benzo(b)fluoranthene	15.08	252	610300m	14.34	ng		
88) Benzo(k)fluoranthene	15.11	252	595910m	17.12	ng		
89) Benzo(a)pyrene	15.44	252	550440	15.24	ng	#	98
90) Dibenzo(a,h)anthracene	16.93	278	447469	14.40	ng		97
91) Benzo(g,h,i)perylene	17.33	276	444527	13.82	ng		99

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

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