Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113015\
Data File : BF083372.D
Acq On : 1 Dec 2015 11:15
Operator : UM/IZ
Sample : G4221-15DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PT-BNA-SOILDL

Manual Integrations APPROVED
Mmdadoda
12/1/2015 6:35:22 PM

Quant Time: Dec 01 12:12:32 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 01 10:18:05 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	142623	20.00	ng		0.00
21) Naphthalene-d8	7.84	136	539399	20.00	ng		0.00
38) Acenaphthene-d10	9.58	164	282321	20.00	ng		0.00
63) Phenanthrene-d10	11.13	188	523203	20.00	ng		0.00
75) Chrysene-d12	14.75	240	456458	20.00	ng		-0.01
86) Perylene-d12	16.81	264	330933	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	271438	28.56	ng		0.00
7) Phenol-d6	6.21	99	354967	27.29	ng		-0.01
23) Nitrobenzene-d5	7.12	82	246079	20.05	ng		-0.01
41) 2,4,6-Tribromophenol	10.37	330	83572	29.49	ng		-0.01
44) 2-Fluorobiphenyl	8.91	172	402091	20.30	ng		-0.01
78) Terphenyl-d14	13.21	244	443290	23.16	ng		-0.01
Target Compounds							Qvalue
8) 2-Chlorophenol	6.34	128	109538	10.45	ng		93
10) Phenol	6.22	94	207779	13.27	ng		98
12) 1,3-Dichlorobenzene	6.49	146	361539	31.02	ng		96
13) 1,4-Dichlorobenzene	6.57	146	141150	11.72	ng		98
17) 2-Methylphenol	6.84	107	20459	2.34	ng		94
18) Hexachloroethane	7.06	117	98370	23.51	ng		97
24) Nitrobenzene	7.14	77	407834	31.12	ng		92
25) Isophorone	7.38	82	901132	37.91	ng		99
29) 2,4-Dichlorophenol	7.71	162	150679	17.47	ng		97
30) 1,2,4-Trichlorobenzene	7.78	180	249110	26.54	ng	#	95
31) Naphthalene	7.86	128	960863	32.83	ng		98
34) Hexachlorobutadiene	7.98	225	183608	34.45	ng		97
36) 4-Chloro-3-methylphenol	8.42	107	282514	29.21	ng		99
37) 2-Methylnaphthalene	8.54	142	412118	21.07	ng		98
42) 2,4,6-Trichlorophenol	8.84	196	85223	13.58	ng		99
43) 2,4,5-Trichlorophenol	8.88	196	145694	22.40	ng		95
48) Acenaphthylene	9.45	152	618653	20.56	ng		97
49) Dimethylphthalate	9.32	163	813259	35.45	ng		99
51) Acenaphthene	9.62	154	223333	12.62	ng		100
54) Dibenzofuran	9.79	168	1025940	39.55	ng		95
55) 4-Nitrophenol	9.74	139	68259m	19.00	ng		
57) Fluorene	10.13	166	614126	29.98	ng		100
59) Diethylphthalate	10.02	149	643097	29.41	ng		99
66) 4-Bromophenyl-phenylether	10.62	248	112289	19.62	ng	#	85
70) Phenanthrene	11.15	178	602991	19.47	ng		100
72) Carbazole	11.41	167	144257	5.15	ng		98
73) Di-n-butylphthalate	11.85	149	323065	9.73	ng		99
74) Fluoranthene	12.66	202	629041	19.60	ng		93
80) Benzo(a)anthracene	14.74	228	594285	21.25	ng		98
82) Chrysene	14.79	228	547101	20.25	ng		98
83) Bis(2-ethylhexyl)phthalate	14.87	149	440840	24.30	ng		98
84) Di-n-octyl phthalate	15.84	149	638653	23.64	ng		99
85) Indeno(1,2,3-cd)pyrene	18.21	276	101036	5.13	ng	#	72
87) Benzo(b)fluoranthene	16.29	252	429566	20.23	ng		98

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90) Dibenzo(a,h)anthracene	18.21	278	447582	28.16	ng	99

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

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