Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\
Data File : BF087106.D
Acq On : 17 May 2016 16:53
Operator : UM/SJ
Sample : H2817-15DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PT-BNA-SOILDL

Manual Integrations APPROVED
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5/18/2016 6:57:19 PM

Quant Time: May 18 02:07:23 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 16:55:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	146380	20.00	ng		-0.01
21) Naphthalene-d8	7.88	136	609411	20.00	ng		-0.01
38) Acenaphthene-d10	9.63	164	310162	20.00	ng		-0.01
63) Phenanthrene-d10	11.11	188	570885	20.00	ng		-0.01
75) Chrysene-d12	13.74	240	463730	20.00	ng		-0.02
86) Perylene-d12	15.10	264	437066	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	196539	22.57	ng		-0.02
7) Phenol-d6	6.26	99	270159	23.13	ng		-0.02
23) Nitrobenzene-d5	7.16	82	189220	15.47	ng		-0.02
41) 2,4,6-Tribromophenol	10.42	330	73017	21.30	ng		-0.02
44) 2-Fluorobiphenyl	8.96	172	352946	18.85	ng		-0.02
78) Terphenyl-d14	12.69	244	331683	16.18	ng		-0.02
Target Compounds							Qvalue
8) 2-Chlorophenol	6.38	128	199453	18.82	ng	#	79
10) Phenol	6.27	94	403749	27.50	ng		91
11) bis(2-Chloroethyl)ether	6.33	93	225731	20.47	ng	#	81
12) 1,3-Dichlorobenzene	6.52	146	400424m	35.55	ng		
13) 1,4-Dichlorobenzene	6.60	146	452525m	39.27	ng		
14) 1,2-Dichlorobenzene	6.76	146	517421	51.29	ng		99
18) Hexachloroethane	7.10	117	171622	38.95	ng		95
25) Isophorone	7.43	82	784762	35.06	ng		98
29) 2,4-Dichlorophenol	7.76	162	134976	16.23	ng		98
30) 1,2,4-Trichlorobenzene	7.83	180	269689	29.22	ng		98
31) Naphthalene	7.91	128	421196	14.15	ng		99
34) Hexachlorobutadiene	8.02	225	78087	14.91	ng		98
36) 4-Chloro-3-methylphenol	8.47	107	345716	34.46	ng		97
37) 2-Methylnaphthalene	8.59	142	746211	39.18	ng	#	96
42) 2,4,6-Trichlorophenol	8.89	196	158995	27.06	ng		92
43) 2,4,5-Trichlorophenol	8.94	196	79174	12.97	ng	#	93
46) 2-Chloronaphthalene	9.08	162	404909	20.51	ng		99
51) Acenaphthene	9.66	154	331067	17.58	ng		97
55) 4-Nitrophenol	9.80	139	104010	39.24	ng	#	70
59) Diethylphthalate	10.07	149	446126	19.75	ng		96
60) 4-Chlorophenyl-phenylether	10.17	204	313098	33.75	ng		96
66) 4-Bromophenyl-phenylether	10.66	248	109832	18.71	ng	#	88
69) Pentachlorophenol	10.93	266	69538	27.20	ng		96
71) Anthracene	11.19	178	614528	19.62	ng		98
73) Di-n-butylphthalate	11.69	149	982770	29.91	ng		98
77) Pyrene	12.54	202	900857	26.89	ng		99
79) Butylbenzylphthalate	13.18	149	250967	17.75	ng		95
82) Chrysene	13.76	228	701994	27.06	ng		99
83) Bis(2-ethylhexyl)phthalate	13.74	149	407698	23.69	ng		98
84) Di-n-octyl phthalate	14.34	149	733846	24.75	ng	#	83
87) Benzo(b)fluoranthene	14.73	252	394576m	13.61	ng		
88) Benzo(k)fluoranthene	14.75	252	618973m	28.67	ng		
91) Benzo(g,h,i)perylene	16.70	276	251759	12.22	ng		94

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

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