

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050817\
 Data File : BF094980.D
 Acq On : 8 May 2017 14:56
 Operator : SJ/MA
 Sample : I2872-15DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PT-BNA-SOILD

Manual Integrations
 APPROVED

mohammad
 5/9/2017 5:02:18 PM

Quant Time: May 31 13:49:59 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	109171	20.00	ng	-0.02
21) Naphthalene-d8	9.73	136	385045	20.00	ng	-0.02
38) Acenaphthene-d10	12.56	164	179520	20.00	ng	-0.02
63) Phenanthrene-d10	14.96	188	318810	20.00	ng	-0.02
75) Chrysene-d12	18.64	240	289918	20.00	ng	-0.01
86) Perylene-d12	20.31	264	245825	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	148373	22.66	ng	0.00
7) Phenol-d6	7.25	99	194483	24.75	ng	-0.03
23) Nitrobenzene-d5	8.61	82	98728	16.17	ng	-0.03
41) 2,4,6-Tribromophenol	13.86	330	36267	24.67	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	224655	18.01	ng	-0.02
78) Terphenyl-d14	17.29	244	200601	15.24	ng	-0.02

Target Compounds					Qvalue
8) 2-Chlorophenol	7.40	128	219212	29.41 ng	91
10) Phenol	7.27	94	289107	34.92 ng	91
11) bis(2-Chloroethyl)ether	7.34	93	279141	40.84 ng	96
12) 1,3-Dichlorobenzene	7.62	146	375430	44.41 ng	99
13) 1,4-Dichlorobenzene	7.74	146	320147	37.34 ng	97
14) 1,2-Dichlorobenzene	7.97	146	134334	16.79 ng	97
24) Nitrobenzene	8.64	77	263842	41.22 ng	94
29) 2,4-Dichlorophenol	9.57	162	235673	44.70 ng	98
36) 4-Chloro-3-methylphenol	10.74	107	205281	36.42 ng	91
43) 2,4,5-Trichlorophenol	11.47	196	121317	30.62 ng	93
46) 2-Chloronaphthalene	11.67	162	395961	32.44 ng	94
48) Acenaphthylene	12.33	152	511275	26.75 ng	98
49) Dimethylphthalate	12.20	163	246556	16.73 ng	97
51) Acenaphthene	12.61	154	182644	16.00 ng	98
55) 4-Nitrophenol	12.97	139	70004m	36.12 ng	
57) Fluorene	13.46	166	196215	14.28 ng	99
59) Diethylphthalate	13.35	149	525075	37.17 ng	100
67) Hexachlorobenzene	14.35	284	170182	49.30 ng	# 89
70) Phenanthrene	15.00	178	286429	15.64 ng	97
73) Di-n-butylphthalate	15.94	149	979959	46.16 ng	99
74) Fluoranthene	16.74	202	243028	12.93 ng	99
77) Pyrene	17.05	202	282232	13.02 ng	99
79) Butylbenzylphthalate	17.95	149	273846	27.15 ng	92
80) Benzo(a)anthracene	18.62	228	313542	18.58 ng	98
82) Chrysene	18.68	228	378187	23.18 ng	99
83) Bis(2-ethylhexyl)phthalate	18.69	149	332495	23.14 ng	99
84) Di-n-octyl phthalate	19.47	149	332040	14.09 ng	96
85) Indeno(1,2,3-cd)pyrene	21.60	276	249126	18.80 ng	98
87) Benzo(b)fluoranthene	19.89	252	294949	19.42 ng	98
88) Benzo(k)fluoranthene	19.93	252	520437m	35.52 ng	
89) Benzo(a)pyrene	20.25	252	322303	22.99 ng	99
90) Dibenzo(a,h)anthracene	21.61	278	262899	22.71 ng	98

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

