

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081616\
 Data File : BF089754.D
 Acq On : 17 Aug 2016 10:26
 Operator : UM/SJ
 Sample : H4145-14DL 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 9536DL

Manual Integrations
 APPROVED

sohil
 8/17/2016 6:25:03 PM

Quant Time: Aug 17 11:24:06 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 16 19:45:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	627473m	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	2580516	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	1225253	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	2184725	20.00	ng	0.00
75) Chrysene-d12	13.89	240	1864906	20.00	ng	-0.01
86) Perylene-d12	15.37	264	1595620	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	987894	26.27	ng	-0.01
7) Phenol-d6	6.32	99	1188563	24.85	ng	-0.01
23) Nitrobenzene-d5	7.26	82	740724	17.53	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	285921	24.12	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1485937	19.46	ng	-0.01
78) Terphenyl-d14	12.80	244	1539858	24.67	ng	-0.01

Target Compounds

						Qvalue
4) n-Nitrosodimethylamine	2.81	42	512789	25.54	ng	91
12) 1,3-Dichlorobenzene	6.64	146	1410830m	29.51	ng	
13) 1,4-Dichlorobenzene	6.72	146	253444m	5.23	ng	
14) 1,2-Dichlorobenzene	6.87	146	582355	12.61	ng	96
18) Hexachloroethane	7.21	117	188471	10.62	ng	# 85
24) Nitrobenzene	7.28	77	528416	11.12	ng	93
25) Isophorone	7.52	82	2098157	24.81	ng	99
28) bis(2-Chloroethoxy)methane	7.75	93	596142	11.60	ng	98
31) Naphthalene	8.01	128	2219461	19.16	ng	99
34) Hexachlorobutadiene	8.14	225	250579	12.59	ng	98
37) 2-Methylnaphthalene	8.70	142	810031	10.27	ng	97
40) Hexachlorocyclopentadiene	8.86	237	452336	25.77	ng	99
46) 2-Chloronaphthalene	9.19	162	2656476	34.94	ng	93
49) Dimethylphthalate	9.46	163	1663334	18.76	ng	99
50) 2,6-Dinitrotoluene	9.52	165	252612	12.59	ng	# 73
54) Dibenzofuran	9.94	168	1916676	19.72	ng	92
56) 2,4-Dinitrotoluene	9.92	165	358932	13.92	ng	# 83
59) Diethylphthalate	10.17	149	2500411	27.82	ng	97
60) 4-Chlorophenyl-phenylether	10.28	204	1135326	29.44	ng	92
65) n-Nitrosodiphenylamine	10.40	169	1654580	24.13	ng	99
66) 4-Bromophenyl-phenylether	10.77	248	509896	22.54	ng	# 68
67) Hexachlorobenzene	10.82	284	300591	11.95	ng	# 67
70) Phenanthrene	11.23	178	3002918	27.96	ng	98
73) Di-n-butylphthalate	11.79	149	2651871	20.51	ng	99
77) Pyrene	12.65	202	3988243	32.68	ng	97
79) Butylbenzylphthalate	13.30	149	1877981	30.67	ng	97
80) Benzo(a)anthracene	13.87	228	3638924	33.59	ng	98
82) Chrysene	13.91	228	3183251	32.64	ng	98
83) Bis(2-ethylhexyl)phthalate	13.90	149	859208	10.60	ng	# 97
85) Indeno(1,2,3-cd)pyrene	16.66	276	996949	12.00	ng	95
87) Benzo(b)fluoranthene	14.98	252	1469447m	14.53	ng	
88) Benzo(k)fluoranthene	15.01	252	436725m	5.25	ng	
89) Benzo(a)pyrene	15.31	252	2847502	34.11	ng	98
90) Dibenzo(a,h)anthracene	16.69	278	672437	10.23	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Benzo(q,h,i)perylene	17.05	276	1284584	19.20	nq	98

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

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