

Data Path : Z:\HPCHEM1\BNA E\DATA\BE052516\
 Data File : BE091873.D
 Acq On : 26 May 2016 00:13
 Operator : UM/SJ
 Sample : H3156-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SP-001-160517MSD

Manual Integrations
 APPROVED

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 6/6/2016 7:32:51 PM

Quant Time: May 26 02:03:26 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE052516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 19:42:30 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	30955	5.00	ng	0.00
8) Naphthalene-d8	10.55	136	160039	5.00	ng	0.00
15) Acenaphthene-d10	14.40	164	99399	5.00	ng	0.00
24) Phenanthrene-d10	17.13	188	271509	5.00	ng	-0.01
31) Chrysene-d12	21.29	240	278657	5.00	ng	0.00
40) Perylene-d12	23.72	264	248593	5.00	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.39	112	67922	7.68	ng	0.00
5) Phenol-d6	6.95	99	111103	9.58	ng	0.00
9) Nitrobenzene-d5	8.91	82	59238	4.56	ng	-0.02
16) 2,4,6-Tribromophenol	15.87	330	38588	8.71	ng	-0.02
17) 2-Fluorobiphenyl	13.01	172	144317	4.88	ng	-0.02
34) Terphenyl-d14	19.74	244	218828	5.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.31	88	12430	3.21	ng	92
3) n-Nitrosodimethylamine	3.61	42	21388	3.77	ng	100
6) bis(2-Chloroethyl)ether	7.20	93	40672	4.19	ng	99
7) n-Nitroso-di-n-propylamine	8.57	70	38425	4.28	ng	# 91
10) Nitrobenzene	8.96	77	54154	4.30	ng	# 100
11) bis(2-Chloroethoxy)methane	9.96	93	66611	4.39	ng	# 13
12) Naphthalene	10.61	128	143227	4.14	ng	97
13) Hexachlorobutadiene	10.90	225	21192	3.98	ng	99
14) 2-Methylnaphthalene	12.22	142	106652	4.62	ng	# 90
18) Acenaphthylene	14.10	152	205996	4.71	ng	# 91
19) 2,6-Dinitrotoluene	13.96	165	33621	4.96	ng	# 84
20) Acenaphthene	14.44	154	117037	4.98	ng	97
21) 2,4-Dinitrotoluene	14.76	165	40618	4.33	ng	# 1
22) Fluorene	15.44	166	151144	4.33	ng	100
23) 4-Chlorophenyl-phenylether	15.42	204	67791	4.51	ng	97
25) 4-Bromophenyl-phenylether	16.32	248	43727	4.51	ng	96
26) Hexachlorobenzene	16.44	284	42024m	4.54	ng	
27) Pentachlorophenol	16.78	266	45920	12.87	ng	91
28) Phenanthrene	17.17	178	384675	7.61	ng	99
29) Anthracene	17.25	178	264233	4.87	ng	99
30) Fluoranthene	19.17	202	745524	12.51	ng	100
32) Benzidine	19.36	184	2232	0.20	ng	# 1
33) Pyrene	19.53	202	722542	12.22	ng	96
35) Benzo(a)anthracene	21.27	228	594195m	8.00	ng	
36) 3,3'-Dichlorobenzidine	21.22	252	42772	1.05	ng	# 90
37) Chrysene	21.31	228	503176m	9.51	ng	
38) Bis(2-ethylhexyl)phthalate	21.17	149	160872	5.97	ng	# 100
39) Indeno(1,2,3-cd)pyrene	26.26	276	530556	7.62	ng	97
41) Benzo(b)fluoranthene	22.97	252	716510	10.68	ng	97
42) Benzo(k)fluoranthene	23.02	252	399562m	6.56	ng	
43) Benzo(a)pyrene	23.60	252	513112	8.44	ng	96
44) Dibenzo(a,h)anthracene	26.28	278	299333	5.14	ng	98
45) Benzo(a,h,i)perylene	27.05	276	481120	8.14	ng	99

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

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