

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072716\
 Data File : BE092069.D
 Acq On : 28 Jul 2016 6:21
 Operator : UM/SJ
 Sample : H4107-01MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TILCON-MH-SF-004MSD

Manual Integrations
 APPROVED

sohil
 7/28/2016 5:01:56 PM

Quant Time: Jul 28 06:55:14 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:13:26 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	11941	5.00	ng	-0.02
8) Naphthalene-d8	10.99	136	60901	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	34186	5.00	ng	0.00
24) Phenanthrene-d10	17.58	188	116268	5.00	ng	0.00
31) Chrysene-d12	21.76	240	136060	5.00	ng	0.00
40) Perylene-d12	24.15	264	124846	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.70	112	24263	9.12	ng	-0.02
5) Phenol-d6	7.35	99	36048	10.15	ng	0.00
9) Nitrobenzene-d5	9.35	82	19183	4.23	ng	-0.02
16) 2,4,6-Tribromophenol	16.33	330	13851	8.68	ng	-0.02
17) 2-Fluorobiphenyl	13.47	172	46230	3.38	ng	0.00
34) Terphenyl-d14	20.20	244	108167	4.27	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	3997	2.44	ng	# 84
3) n-Nitrosodimethylamine	3.78	42	8516	4.35	ng	# 98
6) bis(2-Chloroethyl)ether	7.59	93	14183	4.13	ng	96
7) n-Nitroso-di-n-propylamine	8.98	70	13194	4.65	ng	98
10) Nitrobenzene	9.39	77	18726	4.25	ng	98
11) bis(2-Chloroethoxy)methane	10.40	93	22215	4.37	ng	99
12) Naphthalene	11.04	128	48913	3.67	ng	# 94
13) Hexachlorobutadiene	11.32	225	6955	3.48	ng	# 100
14) 2-Methylnaphthalene	12.66	142	37485	4.35	ng	98
18) Acenaphthylene	14.56	152	332322	3.75	ng	97
19) 2,6-Dinitrotoluene	14.44	165	46501	4.14	ng	# 100
20) Acenaphthene	14.92	154	31309	3.35	ng	# 1
21) 2,4-Dinitrotoluene	15.22	165	82002	4.43	ng	# 1
22) Fluorene	15.90	166	57894	3.95	ng	99
23) 4-Chlorophenyl-phenylether	15.88	204	25547	3.54	ng	97
25) 4-Bromophenyl-phenylether	16.78	248	16815	3.52	ng	98
26) Hexachlorobenzene	16.90	284	17727	3.57	ng	98
27) Pentachlorophenol	17.23	266	19571	8.37	ng	# 82
28) Phenanthrene	17.63	178	113832	3.85	ng	99
29) Anthracene	17.71	178	111363	4.14	ng	100
30) Fluoranthene	19.63	202	648551	4.93	ng	99
32) Benzidine	19.81	184	4935m	0.88	ng	
33) Pyrene	19.99	202	731255	4.17	ng	99
35) Benzo(a)anthracene	21.73	228	226237m	3.99	ng	
36) 3,3'-Dichlorobenzidine	21.67	252	49074	2.89	ng	# 86
37) Chrysene	21.78	228	163798m	4.05	ng	
38) Bis(2-ethylhexyl)phthalate	21.64	149	649442	4.97	ng	# 98
39) Indeno(1,2,3-cd)pyrene	26.65	276	549804	3.45	ng	100
41) Benzo(b)fluoranthene	23.41	252	141608	4.25	ng	98
42) Benzo(k)fluoranthene	23.46	252	137887	4.03	ng	96
43) Benzo(a)pyrene	24.04	252	130703	4.11	ng	94
44) Dibenzo(a,h)anthracene	26.68	278	112947	4.07	ng	# 93
45) Benzo(g,h,i)perylene	27.43	276	459925	3.97	ng	96

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

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