

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080816\
 Data File : BE092222.D
 Acq On : 8 Aug 2016 18:56
 Operator : UM/SJ
 Sample : H4145-30
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 9550

Manual Integrations
 APPROVED

umangi
 8/9/2016 2:39:19 PM

Quant Time: Aug 09 10:52:10 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-PAH-BE080216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 08 18:55:30 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	10052	5.00	ng	0.00
6) Naphthalene-d8	10.98	136	48317	5.00	ng	-0.02
10) Acenaphthene-d10	14.83	164	27190	5.00	ng	-0.02
16) Phenanthrene-d10	17.56	188	65528	5.00	ng	-0.02
22) Chrysene-d12	21.73	240	74421	5.00	ng	-0.02
28) Perylene-d12	24.14	264	73082	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.69	112	7304	2.83	ng	0.00
5) Phenol-d6	7.35	99	11655	3.39	ng	0.00
7) Nitrobenzene-d5	9.34	82	6423	1.68	ng	-0.01
11) 2,4,6-Tribromophenol	16.33	330	5731	6.49	ng	0.00
12) 2-Fluorobiphenyl	13.46	172	17064	1.98	ng	0.00
24) Terphenyl-d14	20.19	244	40497	3.79	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Naphthalene	11.03	128	15618	1.50	ng	96
13) Acenaphthylene	14.54	152	350284	7.30	ng	98
14) Acenaphthene	14.90	154	37593	4.92	ng	92
15) Fluorene	15.88	166	26965	2.78	ng	99
19) Phenanthrene	17.60	178	110807	6.23	ng	100
20) Anthracene	17.70	178	57043	3.27	ng	99
21) Fluoranthene	19.61	202	587498	7.33	ng	97
23) Pyrene	19.99	202	380244	4.89	ng	97
25) Benzo(a)anthracene	21.72	228	254438m	3.11	ng	
26) Chrysene	21.77	228	566223m	6.91	ng	
27) Indeno(1,2,3-cd)pyrene	26.63	276	210312	2.36	ng	99
29) Benzo(b)fluoranthene	23.40	252	73394	3.67	ng	97
30) Benzo(k)fluoranthene	23.45	252	60622	3.16	ng	96
31) Benzo(a)pyrene	24.02	252	92668	5.04	ng	96
32) Dibenzo(a,h)anthracene	26.65	278	35871	2.05	ng	96
33) Benzo(g,h,i)perylene	27.42	276	728531	9.73	ng	94

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

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