

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE081417\  
 Data File : BE093791.D  
 Acq On : 14 Aug 2017 17:37  
 Operator : SJ/JU  
 Sample : I4504-18DL 5X  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

**Instrument :**  
 BNA\_E  
**ClientSampleId :**  
 C0AA9DL

**Manual Integrations**  
**APPROVED**  
 Sohil  
 8/15/2017 6:43:24 PM

Quant Time: Aug 14 19:05:19 2017  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE072417.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Aug 12 02:01:53 2017  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2533	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	13309	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	8807	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	19166	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	19794	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	19787	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.29	152	789	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	1880m	0.03	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.75	128	19893	0.614	ng/ul#	95
5) 2-Methylnaphthalene	12.36	142	47549	2.013	ng/ul	99
7) Acenaphthylene	14.24	152	4533	0.123	ng/ul#	59
8) Acenaphthene	14.58	153	8493	0.293	ng/ul	95
9) Fluorene	15.57	166	41760	1.140	ng/ul	91
12) Phenanthrene	17.29	178	87619	1.679	ng/ul#	91
13) Anthracene	17.38	178	33214	0.653	ng/ul#	89
15) Fluoranthene	19.30	202	31256	0.479	ng/ul	83
17) Pyrene	19.66	202	49883	0.863	ng/ul#	86
18) Benzo(a)anthracene	21.39	228	15173	0.264	ng/ul#	68
19) Chrysene	21.45	228	14127	0.257	ng/ul#	68
21) Benzo(b)fluoranthene	23.15	252	6736m	0.110	ng/ul	
23) Benzo(a)pyrene	23.80	252	7454	0.128	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	26.55	276	2868	0.045	ng/ul#	90
26) Benzo(g,h,i)perylene	27.37	276	1942	0.036	ng/ul#	41

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

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