

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN093019\
 Data File : BN007896.D
 Acq On : 30 Sep 2019 14:42
 Operator : JU
 Sample : K5077-21
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PST-024-SW136-092619

Manual Integrations
 APPROVED

mohammad
 10/2/2019 8:21:21 AM

Quant Time: Oct 01 07:17:36 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Sep 18 18:24:40 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	9184	0.40	ng	0.00
7) Naphthalene-d8	10.46	136	34809	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	20591	0.40	ng	-0.01
19) Phenanthrene-d10	17.06	188	37572	0.40	ng	-0.01
27) Chrysene-d12	21.26	240	42244	0.40	ng	-0.01
34) Perylene-d12	23.47	264	50829	0.40	ng	-0.02

System Monitoring Compounds

4) 2-Fluorophenol	5.31	112	1391	0.04	ng	0.00
5) Phenol-d6	6.87	99	2331	0.05	ng	0.00
8) Nitrobenzene-d5	8.83	82	2976	0.10	ng	0.00
11) 2-Methylnaphthalene-d10	12.05	152	6398	0.11	ng	-0.01
14) 2,4,6-Tribromophenol	15.81	330	381	0.03	ng	-0.01
15) 2-Fluorobiphenyl	12.93	172	8702	0.10	ng	-0.01
25) Fluoranthene-d10	19.09	212	13530	0.11	ng	-0.01
29) Terphenyl-d14	19.70	244	12544	0.12	ng	-0.01

Target Compounds

						Qvalue
9) Naphthalene	10.51	128	40726	0.417	ng	100
12) 2-Methylnaphthalene	12.13	142	53381	0.808	ng	99
16) Acenaphthylene	14.04	152	267904	2.453	ng	98
17) Acenaphthene	14.38	154	27676	0.393	ng	91
18) Fluorene	15.36	166	123331	1.367	ng	# 92
23) Phenanthrene	17.10	178	1522147	13.005	ng	100
24) Anthracene	17.19	178	242832	2.297	ng	99
26) Fluoranthene	19.12	202	1754000	12.052	ng	99
28) Pyrene	19.49	202	2092734	14.525	ng	97
30) Benzo(a)anthracene	21.24	228	974476	6.264	ng	96
31) Chrysene	21.29	228	1141123	7.527	ng	99
32) Bis(2-ethylhexyl)phthalate	21.19	149	18125	0.227	ng	98
33) Indeno(1,2,3-cd)pyrene	25.68	276	629223	3.315	ng	97
35) Benzo(b)fluoranthene	22.81	252	1183974	6.709	ng	98
36) Benzo(k)fluoranthene	22.86	252	407441m	2.335	ng	
37) Benzo(a)pyrene	23.38	252	941630	5.678	ng	97
38) Dibenzo(a,h)anthracene	25.69	278	167632	0.988	ng	96
39) Benzo(a,h,i)perylene	26.36	276	690357	4.112	ng	99

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

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