

Data File : BN007175.D
Acq On : 14 Aug 2019 22:17
Operator : HP/JU
Sample : K4282-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PST-035-SW119-080819

Quant Time: Aug 15 11:38:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN081019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 13 12:12:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	7947	0.40	ng	0.00
6) Naphthalene-d8	10.19	136	28959	0.40	ng	0.00
12) Acenaphthene-d10	14.08	164	15961	0.40	ng	0.00
18) Phenanthrene-d10	16.82	188	35891	0.40	ng	0.00
26) Chrysene-d12	21.05	240	36306	0.40	ng	-0.01
32) Perylene-d12	23.16	264	40443	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 2-Fluorophenol	5.06	112	5444	0.29	ng	0.00
4) Phenol-d6	6.61	99	7035	0.30	ng	0.00
7) Nitrobenzene-d5	8.55	82	5824	0.25	ng	-0.01
10) 2-Methylnaphthalene-d10	11.79	152	12580	0.23	ng	0.00
13) 2,4,6-Tribromophenol	15.57	330	1918	0.22	ng	0.00
14) 2-Fluorobiphenyl	12.71	172	1921	0.08	ng	0.00
24) Fluoranthene-d10	18.87	212	26996	0.21	ng	0.00
28) Terphenyl-d14	19.49	244	20599	0.21	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Naphthalene	10.24	128	2361	0.029	ng	# 82
11) 2-Methylnaphthalene	11.86	142	1985	0.035	ng	# 87
15) Acenaphthylene	13.79	152	17274	0.207	ng	100
16) Acenaphthene	14.13	154	1588	0.030	ng	# 81
17) Fluorene	15.12	166	3493	0.044	ng	# 74
22) Phenanthrene	16.87	178	50359	0.468	ng	99
23) Anthracene	16.95	178	8732	0.089	ng	# 92
25) Fluoranthene	18.90	202	89059	0.647	ng	100
27) Pyrene	19.26	202	94140	0.739	ng	# 96
29) Benzo(a)anthracene	21.02	228	45736m	0.344	ng	
30) Chrysene	21.08	228	59504	0.461	ng	95
31) Indeno(1,2,3-cd)pyrene	25.23	276	33529	0.236	ng	98
33) Benzo(b)fluoranthene	22.54	252	68748	0.496	ng	# 94
34) Benzo(k)fluoranthene	22.58	252	23179m	0.169	ng	
35) Benzo(a)pyrene	23.07	252	46434	0.369	ng	# 94
36) Dibenzo(a,h)anthracene	25.25	278	8971	0.072	ng	# 61
37) Benzo(g,h,i)perylene	25.86	276	35013	0.271	ng	94

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

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