

Data File : BN007181.D
Acq On : 15 Aug 2019 01:53
Operator : HP/JU
Sample : K4282-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PST-016-SW059-080819

Quant Time: Aug 15 11:48:44 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	7869	0.40	ng	0.00
6) Naphthalene-d8	10.19	136	29083	0.40	ng	0.00
12) Acenaphthene-d10	14.07	164	15932	0.40	ng	-0.01
18) Phenanthrene-d10	16.82	188	36182	0.40	ng	0.00
26) Chrysene-d12	21.03	240	36298	0.40	ng	-0.02
32) Perylene-d12	23.15	264	40467	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 2-Fluorophenol	5.06	112	4855	0.26	ng	0.00
4) Phenol-d6	6.61	99	6451	0.28	ng	0.00
7) Nitrobenzene-d5	8.55	82	5306	0.23	ng	-0.01
10) 2-Methylnaphthalene-d10	11.79	152	10256	0.19	ng	0.00
13) 2,4,6-Tribromophenol	15.57	330	1442	0.17	ng	0.00
14) 2-Fluorobiphenyl	12.71	172	1628	0.07	ng	0.00
24) Fluoranthene-d10	18.87	212	18924	0.15	ng	0.00
28) Terphenyl-d14	19.48	244	13916	0.14	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Naphthalene	10.24	128	2120	0.026	ng	# 83
11) 2-Methylnaphthalene	11.86	142	1668	0.029	ng	# 86
15) Acenaphthylene	13.79	152	12039	0.145	ng	99
16) Acenaphthene	14.13	154	1155	0.022	ng	# 83
17) Fluorene	15.12	166	2684	0.034	ng	# 76
22) Phenanthrene	16.87	178	44764	0.413	ng	99
23) Anthracene	16.95	178	7743	0.078	ng	# 94
25) Fluoranthene	18.89	202	76242	0.550	ng	99
27) Pyrene	19.26	202	100965	0.793	ng	# 96
29) Benzo(a)anthracene	21.02	228	50578m	0.381	ng	
30) Chrysene	21.08	228	54960	0.426	ng	97
31) Indeno(1,2,3-cd)pyrene	25.23	276	28399	0.200	ng	99
33) Benzo(b)fluoranthene	22.53	252	59506	0.429	ng	# 95
34) Benzo(k)fluoranthene	22.57	252	19520m	0.142	ng	
35) Benzo(a)pyrene	23.06	252	43544	0.346	ng	# 95
36) Dibenzo(a,h)anthracene	25.24	278	8124	0.065	ng	# 67
37) Benzo(g,h,i)perylene	25.86	276	30650	0.237	ng	95

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

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