Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
Data File : BN010171.D
Acq On : 10 Mar 2020 21:52
Operator : CG/JU
Sample : L1842-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : RE132D7-20200304

Manual Integrations APPROVED
mohammad
3/11/2020 5:08:01 PM

Quant Time: Mar 11 12:00:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 19 15:57:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	755	0.40	ng		-0.05
7) Naphthalene-d8	10.14	136	2493	0.40	ng		-0.04
13) Acenaphthene-d10	14.00	164	1683	0.40	ng		-0.06
19) Phenanthrene-d10	16.78	188	3390	0.40	ng		-0.03
27) Chrysene-d12	20.99	240	3988	0.40	ng		-0.04
34) Perylene-d12	23.09	264	4289	0.40	ng		-0.05
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	130	0.08	ng		-0.03
5) Phenol-d6	6.61	99	117	0.06	ng		-0.03
8) Nitrobenzene-d5	8.61	82	578	0.28	ng		0.01
11) 2-Methylnaphthalene-d10	11.75	152	1290	0.27	ng		-0.03
14) 2,4,6-Tribromophenol	15.56	330	128	0.20	ng		-0.02
15) 2-Fluorobiphenyl	12.63	172	1985	0.31	ng		-0.06
25) Fluoranthene-d10	18.82	212	3276	0.28	ng		-0.04
29) Terphenyl-d14	19.43	244	3383	0.36	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	3.03	88	1191m	1.540	ng		
23) Phenanthrene	16.83	178	239	0.024	ng	#	95
24) Anthracene	16.93	178	179	0.021	ng	#	95
26) Fluoranthene	18.85	202	305	0.025	ng	#	80
28) Pyrene	19.22	202	330	0.022	ng	#	92
30) Benzo(a)anthracene	20.98	228	360	0.027	ng	#	63
31) Chrysene	21.04	228	379	0.025	ng	#	67
39) Benzo(g,h,i)perylene	25.78	276	442	0.029	ng	#	38

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

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