

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
 Data File : BN016638.D
 Acq On : 01 Oct 2021 16:32
 Operator : CG/JU
 Sample : M4020-16
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 S-821-N-SO-1-1.5-093021

Manual Integrations
 APPROVED

mohammad
 10/4/2021 11:47:57 AM

Quant Time: Oct 01 17:19:36 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 01 13:35:26 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.643	152	32930	0.40	ng	0.00
7) Naphthalene-d8	10.407	136	150363	0.40	ng	0.00
13) Acenaphthene-d10	14.269	164	79723	0.40	ng	0.00
19) Phenanthrene-d10	17.018	188	153226	0.40	ng	# 0.00
29) Chrysene-d12	21.228	240	142788	0.40	ng	#-0.01
35) Perylene-d12	23.481	264	151121	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.282	112	24604	0.29	ng	0.03
5) Phenol-d6	6.831	99	23665	0.26	ng	0.00
8) Nitrobenzene-d5	8.785	82	25585	0.26	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	66088	0.30	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	9904	0.27	ng	0.00
15) 2-Fluorobiphenyl	12.899	172	83580	0.26	ng	0.00
27) Fluoranthene-d10	19.068	212	117790	0.29	ng	0.00
31) Terphenyl-d14	19.679	244	88954	0.29	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.272	88	1668m	0.11	ng	
9) Naphthalene	10.457	128	9631	0.02	ng	95
25) Phenanthrene	17.066	178	29813	0.06	ng	96
28) Fluoranthene	19.098	202	58167	0.12	ng	99
30) Pyrene	19.460	202	54951	0.12	ng	# 96
32) Benzo(a)anthracene	21.217	228	32309	0.07	ng	94
33) Chrysene	21.270	228	34253m	0.08	ng	
34) Bis(2-ethylhexyl)phtha...	21.174	149	46479	0.27	ng	# 79
36) Indeno(1,2,3-cd)pyrene	25.761	276	20231	0.04	ng	98
37) Benzo(b)fluoranthene	22.807	252	44649	0.09	ng	# 83
38) Benzo(k)fluoranthene	22.848	252	17192m	0.04	ng	
39) Benzo(a)pyrene	23.382	252	28003	0.06	ng	# 82
41) Benzo(g,h,i)perylene	26.459	276	20477	0.04	ng	# 89

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

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