

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017956.D
 Acq On : 13 Dec 2021 02:18
 Operator : CG/JU
 Sample : M4988-11
 Misc :
 ALS Vial : 82 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE122D1-20211207

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 12/13/2021
 Supervised By :Jagrut Upadhyay 12/13/2021

Quant Time: Dec 13 04:32:49 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 11 00:01:30 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	31397	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	124589	0.400	ng	0.00
13) Acenaphthene-d10	14.335	164	85029	0.400	ng	0.00
19) Phenanthrene-d10	17.080	188	164080	0.400	ng	#-0.01
29) Chrysene-d12	21.282	240	119918	0.400	ng	#-0.01
35) Perylene-d12	23.582	264	90733	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.327	112	7526	0.116	ng	0.00
5) Phenol-d6	6.903	99	4161	0.065	ng	0.00
8) Nitrobenzene-d5	8.846	82	21822	0.268	ng	-0.01
11) 2-Methylnaphthalene-d10	12.085	152	53326	0.243	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	2466	0.386	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	96743	0.323	ng	0.00
27) Fluoranthene-d10	19.124	212	164064	0.308	ng	0.00
31) Terphenyl-d14	19.730	244	154069	0.521	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.270	88	33733m	3.540	ng	Qvalue
9) Naphthalene	10.545	128	8652	0.028	ng	# 95
32) Benzo(a)anthracene	21.272	228	17888	0.096	ng	# 90
33) Chrysene	21.325	228	23257	0.059	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.208	149	986197	7.660	ng	98
36) Indeno(1,2,3-cd)pyrene	25.961	276	7222m	0.127	ng	
37) Benzo(b)fluoranthene	22.891	252	15419	0.051	ng	# 1
38) Benzo(k)fluoranthene	22.935	252	14042m	0.048	ng	
39) Benzo(a)pyrene	23.486	252	14729	0.055	ng	# 1
40) Dibenzo(a,h)anthracene	25.992	278	4454m	0.135	ng	
41) Benzo(g,h,i)perylene	26.673	276	7139	0.050	ng	# 68

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

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