

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017952.D
 Acq On : 12 Dec 2021 23:53
 Operator : CG/JU
 Sample : M4988-07
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE104D2-20211207

Manual Integrations
 APPROVED

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

Quant Time: Dec 13 00:41:58 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	7.705	152	30519	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	118961	0.400	ng	0.00
13) Acenaphthene-d10	14.335	164	81862	0.400	ng	0.00
19) Phenanthrene-d10	17.080	188	163831	0.400	ng	#-0.01
29) Chrysene-d12	21.282	240	112818	0.400	ng	#-0.01
35) Perylene-d12	23.586	264	83646	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	6133	0.097	ng	0.00
5) Phenol-d6	6.903	99	3034	0.049	ng	0.00
8) Nitrobenzene-d5	8.846	82	19631	0.253	ng	-0.01
11) 2-Methylnaphthalene-d10	12.085	152	49895	0.239	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	560	0.345	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	82740	0.287	ng	0.00
27) Fluoranthene-d10	19.124	212	146799	0.276	ng	0.00
31) Terphenyl-d14	19.730	244	132110	0.475	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.270	88	13798m	1.490	ng	
6) bis(2-Chloroethyl)ether	7.143	93	6701	0.087	ng	# 67
9) Naphthalene	10.545	128	8030	0.027	ng	# 95
32) Benzo(a)anthracene	21.272	228	16580	0.096	ng	# 89
33) Chrysene	21.325	228	19142	0.052	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.208	149	890566	7.353	ng	98
36) Indeno(1,2,3-cd)pyrene	25.968	276	5838m	0.122	ng	
37) Benzo(b)fluoranthene	22.894	252	13201	0.048	ng	# 1
38) Benzo(k)fluoranthene	22.935	252	11670m	0.043	ng	
39) Benzo(a)pyrene	23.486	252	10637	0.043	ng	# 1
40) Dibenzo(a,h)anthracene	25.995	278	3594m	0.131	ng	
41) Benzo(g,h,i)perylene	26.683	276	6127	0.046	ng	# 67

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

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