

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017957.D
 Acq On : 13 Dec 2021 02:54
 Operator : CG/JU
 Sample : M4988-12
 Misc :
 ALS Vial : 83 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE122D2-20211207

Manual Integrations
 APPROVED

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

Quant Time: Dec 13 04:32:58 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	7.715	152	29757	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	119253	0.400	ng	0.00
13) Acenaphthene-d10	14.335	164	80133	0.400	ng	0.00
19) Phenanthrene-d10	17.080	188	154768	0.400	ng	#-0.01
29) Chrysene-d12	21.282	240	113646	0.400	ng	#-0.01
35) Perylene-d12	23.582	264	85486	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.327	112	6915	0.113	ng	0.00
5) Phenol-d6	6.903	99	3695	0.061	ng	0.00
8) Nitrobenzene-d5	8.846	82	21140m	0.271	ng	-0.01
11) 2-Methylnaphthalene-d10	12.090	152	56102	0.268	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	5462	0.457	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	81945	0.291	ng	0.00
27) Fluoranthene-d10	19.124	212	166795	0.332	ng	0.00
31) Terphenyl-d14	19.730	244	131245	0.468	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.270	88	31010m	3.434	ng	
9) Naphthalene	10.545	128	7722	0.026	ng	# 95
25) Phenanthrene	17.129	178	9911m	0.025	ng	
30) Pyrene	19.517	202	9513	0.021	ng	96
32) Benzo(a)anthracene	21.272	228	20536	0.106	ng	# 91
33) Chrysene	21.325	228	27235	0.073	ng	# 95
34) Bis(2-ethylhexyl)phtha...	21.208	149	954494	7.823	ng	98
36) Indeno(1,2,3-cd)pyrene	25.968	276	8260m	0.135	ng	
37) Benzo(b)fluoranthene	22.887	252	17543	0.062	ng	# 14
38) Benzo(k)fluoranthene	22.935	252	15776	0.057	ng	# 23
39) Benzo(a)pyrene	23.483	252	15611	0.062	ng	# 1
40) Dibenzo(a,h)anthracene	25.985	278	5830m	0.148	ng	
41) Benzo(g,h,i)perylene	26.673	276	8436	0.062	ng	# 72

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

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