

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
 Data File : BG052764.D
 Acq On : 21 Mar 2022 12:12
 Operator : CG/JU
 Sample : N1983-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 124019

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/22/2022
 Supervised By : Jagrut Upadhyay 03/22/2022

Quant Time: Mar 21 13:26:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 15 15:56:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.146	152	48640	20.000	ng	-0.01
21) Naphthalene-d8	10.960	136	194917	20.000	ng	-0.01
39) Acenaphthene-d10	14.766	164	134080	20.000	ng	0.00
64) Phenanthrene-d10	17.510	188	291742	20.000	ng	0.00
76) Chrysene-d12	21.798	240	305191	20.000	ng	-0.01
86) Perylene-d12	25.111	264	324551	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.702	112	263081	94.194	ng	0.00
7) Phenol-d6	7.294	99	394728	93.744	ng	0.00
23) Nitrobenzene-d5	9.303	82	267069	68.769	ng	-0.01
42) 2,4,6-Tribromophenol	16.247	330	161396	89.581	ng	-0.01
45) 2-Fluorobiphenyl	13.392	172	523831	57.620	ng	-0.01
79) Terphenyl-d14	20.112	244	953335	55.566	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	11.013	128	112236	11.135	ng	100
37) 2-Methylnaphthalene	12.605	142	139078	18.841	ng	96
38) 1-Methylnaphthalene	12.822	142	85588m	11.880	ng	
46) 1,1'-Biphenyl	13.603	154	59759	6.373	ng	98
52) Acenaphthene	14.831	154	246714	32.716	ng	94
55) Dibenzofuran	15.160	168	328442	26.670	ng	97
58) Fluorene	15.812	166	358042	35.667	ng	96
71) Phenanthrene	17.557	178	1450119	92.912	ng	99
72) Anthracene	17.645	178	199811	12.950	ng	97
73) Carbazole	17.903	167	102045	6.678	ng	98
75) Fluoranthene	19.554	202	814902	41.132	ng	96
78) Pyrene	19.918	202	528738	24.976	ng	97
81) Benzo(a)anthracene	21.774	228	120199	5.882	ng	96
83) Chrysene	21.839	228	103034	5.363	ng	98
84) Bis(2-ethylhexyl)phtha...	21.680	149	23563	2.307	ng	# 96
88) Benzo(b)fluoranthene	24.060	252	73535	3.649	ng	96
90) Benzo(a)pyrene	24.947	252	48093	2.819	ng	# 93

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

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