

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021323\
 Data File : BG056631.D
 Acq On : 13 Feb 2023 22:54
 Operator : CG/JU
 Sample : 01529-07 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-05-0-2.0

Quant Time: Feb 14 02:10:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 10 22:46:08 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/14/2023
 Supervised By : Jagrut Upadhyay 02/14/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.213	152	50278	20.000	ng	0.00
21) Naphthalene-d8	11.051	136	179309	20.000	ng	0.00
39) Acenaphthene-d10	14.847	164	122797	20.000	ng	0.00
64) Phenanthrene-d10	17.585	188	268236	20.000	ng	0.00
76) Chrysene-d12	21.868	240	250861	20.000	ng	0.00
86) Perylene-d12	25.264	264	217490	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.746	112	37650	13.775	ng	0.02
7) Phenol-d6	7.379	99	51123	12.624	ng	0.01
23) Nitrobenzene-d5	9.394	82	26779	8.481	ng	0.00
42) 2,4,6-Tribromophenol	16.333	330	20242	12.399	ng	0.00
45) 2-Fluorobiphenyl	13.466	172	86727	9.792	ng	0.00
79) Terphenyl-d14	20.164	244	130234	9.118	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.626	178	144713	10.308	ng	99
72) Anthracene	17.720	178	35166	2.440	ng	96
75) Fluoranthene	19.624	202	368299	20.786	ng	99
78) Pyrene	19.988	202	322996	18.103	ng	99
81) Benzo(a)anthracene	21.850	228	216442	12.341	ng	97
83) Chrysene	21.915	228	189726	11.515	ng	97
87) Indeno(1,2,3-cd)pyrene	29.165	276	66781m	4.195	ng	
88) Benzo(b)fluoranthene	24.189	252	254899	18.882	ng	# 94
89) Benzo(k)fluoranthene	24.248	252	110123m	8.080	ng	
90) Benzo(a)pyrene	25.111	252	177594	13.355	ng	# 94
92) Benzo(g,h,i)perylene	30.411	276	70922	5.500	ng	# 87

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

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