

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053023\
 Data File : BG057613.D
 Acq On : 30 May 2023 19:33
 Operator : CG/JU
 Sample : 02953-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PNNL-RH-524-1

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/31/2023
 Supervised By : Yogesh Patel 06/01/2023

Quant Time: May 31 03:29:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 31 03:25:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.338	152	26001	20.000	ng	0.00
21) Naphthalene-d8	11.175	136	105980	20.000	ng	0.00
39) Acenaphthene-d10	14.952	164	74671	20.000	ng	0.00
64) Phenanthrene-d10	17.690	188	176778	20.000	ng	0.00
76) Chrysene-d12	21.996	240	152945	20.000	ng	0.00
86) Perylene-d12	25.485	264	164456	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.859	112	148626	99.307	ng	0.00
7) Phenol-d6	7.486	99	221736	94.670	ng	0.00
23) Nitrobenzene-d5	9.518	82	139311	61.448	ng	0.00
42) 2,4,6-Tribromophenol	16.439	330	103272	86.384	ng	0.00
45) 2-Fluorobiphenyl	13.578	172	348533	67.079	ng	0.00
79) Terphenyl-d14	20.263	244	592450	67.100	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.737	178	72823	8.050	ng	97
75) Fluoranthene	19.728	202	161455	13.748	ng	100
78) Pyrene	20.087	202	151584	13.920	ng	99
81) Benzo(a)anthracene	21.972	228	80290	7.567	ng	96
83) Chrysene	22.043	228	72249	7.205	ng	96
87) Indeno(1,2,3-cd)pyrene	29.515	276	43007	3.751	ng	# 86
88) Benzo(b)fluoranthene	24.369	252	96414	9.524	ng	99
89) Benzo(k)fluoranthene	24.422	252	32478m	3.179	ng	
90) Benzo(a)pyrene	25.321	252	75320	7.630	ng	95
92) Benzo(g,h,i)perylene	30.796	276	44177m	4.747	ng	

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

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