

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
 Data File : BG059910.D
 Acq On : 27 Nov 2023 21:13
 Operator : MA/JU
 Sample : 05504-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 281

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/28/2023
 Supervised By :mohammad ahmed 11/28/2023

Quant Time: Nov 27 23:15:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 27 13:17:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.310	152	30177	20.000	ng	0.00
21) Naphthalene-d8	11.160	136	150392	20.000	ng	0.00
39) Acenaphthene-d10	14.944	164	95441	20.000	ng	0.00
64) Phenanthrene-d10	17.694	188	175930	20.000	ng	# 0.00
76) Chrysene-d12	22.012	240	131363	20.000	ng	# 0.00
86) Perylene-d12	25.584	264	157987	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.802	112	175809	98.058	ng	0.00
7) Phenol-d6	7.435	99	257123	96.775	ng	0.00
23) Nitrobenzene-d5	9.509	82	203408	51.655	ng	0.00
42) 2,4,6-Tribromophenol	16.430	330	104369	96.380	ng	0.00
45) 2-Fluorobiphenyl	13.563	172	415457	58.594	ng	0.00
79) Terphenyl-d14	20.267	244	456173	51.264	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	11.213	128	57530	7.607	ng	# 94
37) 2-Methylnaphthalene	12.788	142	49728	7.808	ng	90
38) 1-Methylnaphthalene	12.999	142	27443	4.672	ng	# 81
49) Acenaphthylene	14.674	152	20589	2.346	ng	# 93
52) Acenaphthene	15.009	154	50149	9.501	ng	86
55) Dibenzofuran	15.338	168	81192	9.329	ng	89
58) Fluorene	15.984	166	101834	14.084	ng	# 92
71) Phenanthrene	17.741	178	676006	75.576	ng	99
72) Anthracene	17.829	178	114235	12.292	ng	97
73) Carbazole	18.099	167	44062	5.427	ng	97
75) Fluoranthene	19.732	202	778476	72.573	ng	99
78) Pyrene	20.097	202	594621	66.528	ng	99
81) Benzo(a)anthracene	21.994	228	209242	23.280	ng	97
83) Chrysene	22.065	228	252709	30.671	ng	94
87) Indeno(1,2,3-cd)pyrene	29.715	276	107625	9.003	ng	# 73
88) Benzo(b)fluoranthene	24.427	252	283083	32.692	ng	# 96
89) Benzo(k)fluoranthene	24.497	252	100259m	11.712	ng	
90) Benzo(a)pyrene	25.414	252	159240	17.231	ng	99
91) Dibenzo(a,h)anthracene	29.779	278	34546m	3.416	ng	
92) Benzo(g,h,i)perylene	31.031	276	101268m	10.553	ng	

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

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