

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021723\
 Data File : BG056667.D
 Acq On : 17 Feb 2023 22:35
 Operator : CG/JU
 Sample : 01574-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WASTE

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/18/2023
 Supervised By :mohammad ahmed 02/20/2023

Quant Time: Feb 18 00:10:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 16 01:33:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.433	152	20403	20.000	ng	0.00
21) Naphthalene-d8	11.270	136	78450	20.000	ng	0.00
39) Acenaphthene-d10	15.037	164	54267	20.000	ng	0.00
64) Phenanthrene-d10	17.769	188	119161	20.000	ng	0.00
76) Chrysene-d12	22.087	240	106218	20.000	ng	-0.01
86) Perylene-d12	25.630	264	118960	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.941	112	123901	98.807	ng	0.00
7) Phenol-d6	7.551	99	175502	94.748	ng	0.00
23) Nitrobenzene-d5	9.608	82	98999	64.613	ng	0.00
42) 2,4,6-Tribromophenol	16.511	330	66932	90.086	ng	0.00
45) 2-Fluorobiphenyl	13.668	172	253536	62.561	ng	0.00
79) Terphenyl-d14	20.342	244	404482	62.304	ng	0.00
Target Compounds						Qvalue
38) 1-Methylnaphthalene	13.109	142	6411	2.001	ng	91
49) Acenaphthylene	14.766	152	21104	3.993	ng	# 93
58) Fluorene	16.071	166	10069	2.312	ng	96
71) Phenanthrene	17.810	178	63262	9.758	ng	98
72) Anthracene	17.904	178	13609m	2.052	ng	
75) Fluoranthene	19.796	202	95613	11.177	ng	96
78) Pyrene	20.160	202	164286	20.480	ng	98
81) Benzo(a)anthracene	22.070	228	78203	9.900	ng	# 90
83) Chrysene	22.134	228	90766	12.291	ng	# 95
87) Indeno(1,2,3-cd)pyrene	29.714	276	43780	4.699	ng	# 77
88) Benzo(b)fluoranthene	24.502	252	83492	10.743	ng	# 96
89) Benzo(k)fluoranthene	24.561	252	22263m	2.913	ng	
90) Benzo(a)pyrene	25.466	252	66569	8.911	ng	97
92) Benzo(g,h,i)perylene	31.000	276	47625	6.317	ng	96

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

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