

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020623\
 Data File : BG056560.D
 Acq On : 6 Feb 2023 18:27
 Operator : CG/JU
 Sample : 01432-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

DOMINICK-STREET-UTLIITY-RELOCATION-EXCAVATION

Manual Integrations**APPROVED**

Reviewed By : Christian Giraldo 02/07/2023
 Supervised By : Jagrut Upadhyay 02/07/2023

Quant Time: Feb 07 04:35:12 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Feb 07 04:30:04 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.278	152	43047	20.000	ng	0.00
21) Naphthalene-d8	11.109	136	162922	20.000	ng	0.00
39) Acenaphthene-d10	14.893	164	114145	20.000	ng	0.00
64) Phenanthrene-d10	17.637	188	254157	20.000	ng	0.00
76) Chrysene-d12	21.932	240	241031	20.000	ng	0.00
86) Perylene-d12	25.369	264	252161	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.798	112	334050	142.754	ng	0.00
7) Phenol-d6	7.426	99	449737	129.713	ng	0.00
23) Nitrobenzene-d5	9.453	82	238377	83.084	ng	0.00
42) 2,4,6-Tribromophenol	16.380	330	185093	121.973	ng	0.00
45) 2-Fluorobiphenyl	13.518	172	732580	88.980	ng	0.00
79) Terphenyl-d14	20.211	244	1118646	81.514	ng	0.00
Target Compounds						Qvalue
52) Acenaphthene	14.958	154	40692	6.517	ng	96
55) Dibenzofuran	15.293	168	43171	3.856	ng	98
58) Fluorene	15.939	166	40249	4.517	ng	97
71) Phenanthrene	17.678	178	954987	71.792	ng	100
72) Anthracene	17.772	178	244363	17.896	ng	99
73) Carbazole	18.037	167	73895	6.354	ng	97
75) Fluoranthene	19.676	202	1266902	75.461	ng	98
78) Pyrene	20.034	202	1138026	66.386	ng	98
81) Benzo(a)anthracene	21.909	228	650438	38.600	ng	99
83) Chrysene	21.979	228	556331m	35.142	ng	
87) Indeno(1,2,3-cd)pyrene	29.312	276	202109	10.949	ng	# 87
88) Benzo(b)fluoranthene	24.271	252	652548	41.693	ng	98
89) Benzo(k)fluoranthene	24.335	252	239577m	15.161	ng	
90) Benzo(a)pyrene	25.199	252	488052	31.656	ng	98
91) Dibenzo(a,h)anthracene	29.359	278	52204	3.369	ng	# 80
92) Benzo(g,h,i)perylene	30.563	276	172266	11.523	ng	# 90

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

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