

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
 Data File : BG061491.D
 Acq On : 5 Jun 2024 17:56
 Operator : MA/JU
 Sample : P2623-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBR9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/06/2024
 Supervised By :mohammad ahmed 06/07/2024

Quant Time: Jun 05 23:55:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 30 22:54:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.877	152	27464	20.000	ng/u1	0.00
20) Naphthalene-d8	10.668	136	107855	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.510	164	76273	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.266	188	188716	20.000	ng/u1	0.00
79) Chrysene-d12	21.520	240	193559	20.000	ng/u1	0.00
88) Perylene-d12	24.610	264	221791	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	2043	4.163	ng/uL	0.00
4) Pyridine-d5	3.740	84	29548	16.924	ng/u1	0.00
7) Phenol-d5	7.066	99	60771	26.945	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.207	67	34511	24.345	ng/u1	0.00
11) 2-Chlorophenol-d4	7.418	132	47146	28.246	ng/u1	0.00
15) 4-Methylphenol-d8	8.599	113	49699	25.843	ng/u1	0.00
21) Nitrobenzene-d5	9.034	128	23849	28.720	ng/u1	0.00
24) 2-Nitrophenol-d4	9.757	143	27730	28.533	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.309	165	54213	28.613	ng/u1	0.00
31) 4-Chloroaniline-d4	10.809	131	60051	24.226	ng/u1	0.00
46) Dimethylphthalate-d6	13.917	166	164210	27.759	ng/u1	0.00
49) Acenaphthylene-d8	14.205	160	180994	29.430	ng/u1	0.00
54) 4-Nitrophenol-d4	14.763	143	16891m	23.095	ng/u1	0.03
60) Fluorene-d10	15.509	176	141538	27.713	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.650	200	18678	16.364	ng/u1	0.01
73) Anthracene-d10	17.360	188	242642	29.164	ng/u1	0.00
81) Pyrene-d10	19.657	212	294294	29.612	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.404	264	310747	29.143	ng/u1	0.02
Target Compounds						
					Qvalue	
30) Naphthalene	10.715	128	14960	2.628	ng/u1#	97
36) 2-Methylnaphthalene	12.330	142	5708	1.383	ng/u1	88
37) 1-Methylnaphthalene	12.554	142	5049	1.192	ng/u1#	86
52) Acenaphthene	14.575	153	8370	1.871	ng/u1	94
56) Dibenzofuran	14.910	168	15762	2.464	ng/u1	93
61) Fluorene	15.562	166	13204	2.386	ng/u1	95
72) Phenanthrene	17.307	178	247300	26.999	ng/u1	99
74) Anthracene	17.395	178	51010	5.386	ng/u1	99
77) Carbazole	17.671	167	27991	3.634	ng/u1	97
80) Fluoranthene	19.322	202	344698	28.912	ng/u1	98
82) Pyrene	19.686	202	260965	21.087	ng/u1	98
85) Benzo(a)anthracene	21.496	228	169618	12.700	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.408	149	13334	2.119	ng/u1#	91
87) Chrysene	21.561	228	145418	11.825	ng/u1	96
90) Benzo(b)fluoranthene	23.641	252	176073	13.333	ng/u1	98
91) Benzo(k)fluoranthene	23.688	252	74726m	5.574	ng/u1	
93) Benzo(a)pyrene	24.463	252	124098	9.897	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	28.124	276	72118m	4.756	ng/u1	
95) Dibenzo(a,h)anthracene	28.177	278	22858m	1.828	ng/u1	
96) Benzo(g,h,i)perylene	29.211	276	59157m	4.904	ng/u1	

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

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