

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
 Data File : BG061471.D
 Acq On : 5 Jun 2024 1:50
 Operator : MA/JU
 Sample : P2591-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH5T1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/05/2024
 Supervised By :mohammad ahmed 06/07/2024

Supervised By :mohammad
 ahmed
 06/06/2024

Quant Time: Jun 05 02:27:56 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	7.878	152	24257	20.000	ng/u1	0.00
20) Naphthalene-d8	10.668	136	99093	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.511	164	79305	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.261	188	196367	20.000	ng/u1	0.00
79) Chrysene-d12	21.514	240	214780	20.000	ng/u1	0.00
88) Perylene-d12	24.611	264	240065	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	1372	3.165	ng/uL	0.00
4) Pyridine-d5	3.735	84	18449	11.964	ng/u1	0.00
7) Phenol-d5	7.061	99	40375	20.269	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.202	67	25213	20.137	ng/u1	0.00
11) 2-Chlorophenol-d4	7.413	132	32575	22.096	ng/u1	0.00
15) 4-Methylphenol-d8	8.600	113	34466	20.291	ng/u1	0.00
21) Nitrobenzene-d5	9.035	128	17452	22.875	ng/u1	0.00
24) 2-Nitrophenol-d4	9.752	143	20517	22.978	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.304	165	39828	22.880	ng/u1	0.00
31) 4-Chloroaniline-d4	10.804	131	44514	19.546	ng/u1	0.00
46) Dimethylphthalate-d6	13.918	166	139593	22.695	ng/u1	0.00
49) Acenaphthylene-d8	14.205	160	148623	23.242	ng/u1	0.00
54) 4-Nitrophenol-d4	14.764	143	13955m	18.351	ng/u1	0.03
60) Fluorene-d10	15.504	176	128057	24.115	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	17454	14.696	ng/u1	0.01
73) Anthracene-d10	17.361	188	206698	23.876	ng/u1	0.00
81) Pyrene-d10	19.658	212	255490	23.167	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.399	264	282662	24.491	ng/u1	0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.721	128	6922	1.323	ng/u1#	92
36) 2-Methylnaphthalene	12.331	142	12367	3.260	ng/u1	91
72) Phenanthrene	17.302	178	82367	8.642	ng/u1	100
74) Anthracene	17.396	178	13486m	1.369	ng/u1	
77) Carbazole	17.666	167	9535	1.190	ng/u1#	91
80) Fluoranthene	19.323	202	154751	11.697	ng/u1	99
82) Pyrene	19.687	202	124468	9.064	ng/u1	98
85) Benzo(a)anthracene	21.497	228	80509	5.432	ng/u1	97
87) Chrysene	21.561	228	70600	5.174	ng/u1	96
90) Benzo(b)fluoranthene	23.630	252	97204	6.801	ng/u1	98
91) Benzo(k)fluoranthene	23.688	252	37119	2.558	ng/u1	99
93) Benzo(a)pyrene	24.464	252	64559	4.757	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	28.107	276	44115	2.688	ng/u1	95
95) Dibenzo(a,h)anthracene	28.148	278	15329m	1.133	ng/u1	
96) Benzo(g,h,i)perylene	29.211	276	41742m	3.197	ng/u1	

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

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