

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
 Data File : BG061523.D
 Acq On : 6 Jun 2024 23:54
 Operator : MA/JU
 Sample : P2634-14
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBX8

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024
 Supervised By :mohammad ahmed 06/08/2024

Quant Time: Jun 07 00:52:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 06 12:15:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.882	152	30388	20.000	ng/u1	0.00
20) Naphthalene-d8	10.667	136	109346	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.509	164	75014	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.259	188	169431	20.000	ng/u1	0.00
79) Chrysene-d12	21.519	240	184602	20.000	ng/u1	0.00
88) Perylene-d12	24.615	264	209889	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	2523	4.646	ng/uL	0.02
4) Pyridine-d5	3.781	84	20951	10.845	ng/u1	0.01
7) Phenol-d5	7.071	99	61147	24.503	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.212	67	37538	23.932	ng/u1	0.00
11) 2-Chlorophenol-d4	7.424	132	53177	28.793	ng/u1	0.00
15) 4-Methylphenol-d8	8.599	113	50010	23.502	ng/u1	0.00
21) Nitrobenzene-d5	9.034	128	26163	31.077	ng/u1	0.00
24) 2-Nitrophenol-d4	9.756	143	30165	30.615	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.309	165	56406	29.365	ng/u1	0.00
31) 4-Chloroaniline-d4	10.808	131	31261	12.440	ng/u1	0.00
46) Dimethylphthalate-d6	13.916	166	173060	29.746	ng/u1	0.00
49) Acenaphthylene-d8	14.204	160	189384	31.311	ng/u1	0.00
54) 4-Nitrophenol-d4	14.762	143	16594m	23.070	ng/u1	0.00
60) Fluorene-d10	15.502	176	152233	30.307	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.649	200	12584	12.280	ng/u1	0.00
73) Anthracene-d10	17.359	188	246902	33.054	ng/u1	0.00
81) Pyrene-d10	19.656	212	282618	29.817	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.404	264	243592	24.141	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.714	128	7031	1.218	ng/u1	96
36) 2-Methylnaphthalene	12.330	142	5362	1.281	ng/u1	94
50) Acenaphthylene	14.233	152	13393	1.997	ng/u1#	96
52) Acenaphthene	14.574	153	7504	1.706	ng/u1	94
61) Fluorene	15.561	166	7357	1.352	ng/u1#	93
72) Phenanthrene	17.306	178	202276	24.597	ng/u1	97
74) Anthracene	17.394	178	32558m	3.829	ng/u1	
77) Carbazole	17.665	167	19204	2.777	ng/u1	98
80) Fluoranthene	19.327	202	630496	55.449	ng/u1	98
82) Pyrene	19.686	202	520227	44.076	ng/u1	98
83) Butylbenzylphthalate	20.573	149	14885	3.671	ng/u1	99
85) Benzo(a)anthracene	21.501	228	332947	26.139	ng/u1	95
86) Bis(2-ethylhexyl)phtha...	21.407	149	57187	9.528	ng/u1	95
87) Chrysene	21.566	228	385208	32.843	ng/u1	96
90) Benzo(b)fluoranthene	23.646	252	532073	42.577	ng/u1	97
91) Benzo(k)fluoranthene	23.693	252	172303m	13.582	ng/u1	
93) Benzo(a)pyrene	24.468	252	226361	19.076	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	28.129	276	184376	12.848	ng/u1	100
95) Dibenzo(a,h)anthracene	28.164	278	58207	4.919	ng/u1#	91
96) Benzo(g,h,i)perylene	29.228	276	28331m	2.482	ng/u1	

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

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