

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
 Data File : BG061497.D
 Acq On : 5 Jun 2024 22:03
 Operator : MA/JU
 Sample : P2623-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBQ8

Manual Integrations
 APPROVED

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

Quant Time: Jun 05 23:22:24 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	7.875	152	30699	20.000	ng/u1	0.00
20) Naphthalene-d8	10.666	136	119468	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.509	164	80110	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.264	188	176919	20.000	ng/u1	0.00
79) Chrysene-d12	21.524	240	203725	20.000	ng/u1	0.01
88) Perylene-d12	24.615	264	227617	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.339	96	1849	3.371	ng/uL	0.00
4) Pyridine-d5	3.745	84	12015	6.157	ng/u1	0.00
7) Phenol-d5	7.065	99	42972	17.045	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.206	67	27419	17.304	ng/u1	0.00
11) 2-Chlorophenol-d4	7.417	132	36530	19.579	ng/u1	0.00
15) 4-Methylphenol-d8	8.598	113	32487	15.113	ng/u1	0.00
21) Nitrobenzene-d5	9.033	128	18497	20.109	ng/u1	0.00
24) 2-Nitrophenol-d4	9.755	143	21592	20.058	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.308	165	43547	20.750	ng/u1	0.00
31) 4-Chloroaniline-d4	10.807	131	34079	12.412	ng/u1	0.00
46) Dimethylphthalate-d6	13.915	166	124507	20.039	ng/u1	0.00
49) Acenaphthylene-d8	14.203	160	135054	20.908	ng/u1	0.00
54) 4-Nitrophenol-d4	14.767	143	10708m	13.940	ng/u1	0.03
60) Fluorene-d10	15.508	176	106416	19.838	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.654	200	12886	12.043	ng/u1	0.02
73) Anthracene-d10	17.364	188	174719	22.400	ng/u1	0.00
81) Pyrene-d10	19.656	212	202931	19.400	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.403	264	175954	16.079	ng/u1	0.02
Target Compounds					Qvalue	
30) Naphthalene	10.719	128	7643	1.212	ng/u1	97
52) Acenaphthene	14.573	153	11440	2.435	ng/u1	98
56) Dibenzofuran	14.908	168	14361	2.138	ng/u1	99
61) Fluorene	15.560	166	13751	2.366	ng/u1#	86
72) Phenanthrene	17.305	178	383085	44.613	ng/u1	99
74) Anthracene	17.394	178	70382	7.927	ng/u1	98
77) Carbazole	17.670	167	41230	5.709	ng/u1	97
78) Di-n-butylphthalate	18.222	149	9735	1.076	ng/u1	99
80) Fluoranthene	19.327	202	747769	59.590	ng/u1	98
82) Pyrene	19.685	202	511288	39.253	ng/u1	98
85) Benzo(a)anthracene	21.501	228	408011	29.025	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.407	149	29114	4.396	ng/u1#	99
87) Chrysene	21.565	228	361212	27.907	ng/u1	94
90) Benzo(b)fluoranthene	23.639	252	471172	34.767	ng/u1	99
91) Benzo(k)fluoranthene	23.698	252	181717m	13.208	ng/u1	
93) Benzo(a)pyrene	24.468	252	190118	14.774	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	28.128	276	143790m	9.240	ng/u1	
95) Dibenzo(a,h)anthracene	28.157	278	45993m	3.584	ng/u1	
96) Benzo(g,h,i)perylene	29.215	276	21207m	1.713	ng/u1	

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

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