

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
 Data File : BG061567.D
 Acq On : 8 Jun 2024 16:13
 Operator : MA/JU
 Sample : P2647-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBS1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/10/2024
 Supervised By :mohammad ahmed 06/10/2024

Quant Time: Jun 09 23:54:27 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	7.870	152	27150	20.000	ng/u1	0.00
20) Naphthalene-d8	10.667	136	102723	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.510	164	76718	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.265	188	178516	20.000	ng/u1	0.00
79) Chrysene-d12	21.525	240	193652	20.000	ng/u1	0.00
88) Perylene-d12	24.627	264	227522	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	2230	4.597	ng/uL	-0.02
4) Pyridine-d5	3.746	84	18486	10.711	ng/u1	-0.02
7) Phenol-d5	7.065	99	48998	21.976	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.201	67	31589	22.541	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.412	132	43539	26.386	ng/u1	0.00
15) 4-Methylphenol-d8	8.593	113	32412	17.049	ng/u1	0.00
21) Nitrobenzene-d5	9.028	128	22495	28.442	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.751	143	25022	27.033	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.303	165	50998	28.261	ng/u1	0.00
31) 4-Chloroaniline-d4	10.814	131	9263	3.924	ng/u1	0.00
46) Dimethylphthalate-d6	13.916	166	156739	26.342	ng/u1	0.00
49) Acenaphthylene-d8	14.204	160	172896	27.950	ng/u1	0.00
54) 4-Nitrophenol-d4	14.762	143	14396m	19.570	ng/u1	0.00
60) Fluorene-d10	15.503	176	140351	27.321	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.655	200	18355	17.000	ng/u1	0.00
73) Anthracene-d10	17.359	188	225549	28.659	ng/u1	0.00
81) Pyrene-d10	19.657	212	245883	24.729	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.416	264	212349	19.413	ng/u1	0.02
Target Compounds					Qvalue	
30) Naphthalene	10.714	128	25108	4.631	ng/u1	98
36) 2-Methylnaphthalene	12.324	142	8882	2.259	ng/u1	94
37) 1-Methylnaphthalene	12.547	142	7520	1.864	ng/u1#	93
52) Acenaphthene	14.574	153	12436	2.764	ng/u1	95
56) Dibenzofuran	14.909	168	15604	2.425	ng/u1	95
61) Fluorene	15.561	166	15784	2.835	ng/u1	94
72) Phenanthrene	17.306	178	332513	38.377	ng/u1	97
74) Anthracene	17.394	178	54162	6.046	ng/u1	99
77) Carbazole	17.671	167	28569	3.921	ng/u1	100
78) Di-n-butylphthalate	18.223	149	13867	1.519	ng/u1	97
80) Fluoranthene	19.328	202	649211	54.427	ng/u1	98
82) Pyrene	19.692	202	501764	40.525	ng/u1#	96
83) Butylbenzylphthalate	20.573	149	12072	2.838	ng/u1#	91
85) Benzo(a)anthracene	21.507	228	351734	26.323	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.407	149	130717	20.762	ng/u1#	97
87) Chrysene	21.566	228	370074	30.079	ng/u1	97
90) Benzo(b)fluoranthene	23.652	252	487711	36.003	ng/u1	97
91) Benzo(k)fluoranthene	23.705	252	195206m	14.195	ng/u1	
93) Benzo(a)pyrene	24.480	252	197651	15.365	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	28.158	276	147412m	9.476	ng/u1	
95) Dibenzo(a,h)anthracene	28.188	278	44250	3.450	ng/u1#	81
96) Benzo(g,h,i)perylene	29.269	276	24284m	1.962	ng/u1	

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

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