

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
 Data File : BG061443.D
 Acq On : 4 Jun 2024 5:08
 Operator : MA/JU
 Sample : P2577-12
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBP0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
 Supervised By :mohammad ahmed 06/05/2024

Quant Time: Jun 04 05:45:48 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	7.873	152	43671	20.000	ng/u1	0.00
20) Naphthalene-d8	10.670	136	162294	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.513	164	121184	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.262	188	278509	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.528	240	299479	20.000	ng/u1	0.02
88) Perylene-d12	24.630	264	334679	20.000	ng/u1	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.343	96	4125	5.286	ng/uL	0.00
4) Pyridine-d5	3.749	84	39977	14.400	ng/u1	0.00
7) Phenol-d5	7.068	99	91733	25.579	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.204	67	56906	25.245	ng/u1	0.00
11) 2-Chlorophenol-d4	7.415	132	75218	28.340	ng/u1	0.00
15) 4-Methylphenol-d8	8.596	113	68756	22.484	ng/u1	0.00
21) Nitrobenzene-d5	9.037	128	38592	30.885	ng/u1	0.00
24) 2-Nitrophenol-d4	9.753	143	43797	29.949	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.306	165	86486	30.335	ng/u1	0.00
31) 4-Chloroaniline-d4	10.805	131	23057	6.182	ng/u1	0.00
46) Dimethylphthalate-d6	13.919	166	263409	28.026	ng/u1	0.00
49) Acenaphthylene-d8	14.201	160	293734	30.061	ng/u1	0.00
54) 4-Nitrophenol-d4	14.759	143	28867	24.843	ng/u1	0.02
60) Fluorene-d10	15.506	176	235365	29.005	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.652	200	29829	17.708	ng/u1	0.02
73) Anthracene-d10	17.362	188	387314	31.544	ng/u1	0.00
81) Pyrene-d10	19.660	212	467410	30.397	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.424	264	510544	31.731	ng/u1	0.04
Target Compounds						
					Qvalue	
30) Naphthalene	10.723	128	17075	1.993	ng/u1#	93
36) 2-Methylnaphthalene	12.327	142	10340	1.664	ng/u1	93
37) 1-Methylnaphthalene	12.556	142	9057	1.421	ng/u1#	75
50) Acenaphthylene	14.236	152	14240m	1.314	ng/u1	
52) Acenaphthene	14.571	153	22247	3.130	ng/u1	95
56) Dibenzofuran	14.912	168	23463	2.309	ng/u1	96
61) Fluorene	15.564	166	25999	2.957	ng/u1	95
72) Phenanthrene	17.309	178	563076	41.655	ng/u1	98
74) Anthracene	17.397	178	107063	7.660	ng/u1	99
77) Carbazole	17.668	167	53242	4.683	ng/u1	99
78) Di-n-butylphthalate	18.226	149	18641	1.309	ng/u1#	94
80) Fluoranthene	19.330	202	1179146	63.922	ng/u1	99
82) Pyrene	19.689	202	1066525	55.700	ng/u1	99
85) Benzo(a)anthracene	21.504	228	723766	35.025	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.410	149	14523	1.492	ng/u1#	79
87) Chrysene	21.569	228	706482	37.130	ng/u1	95
90) Benzo(b)fluoranthene	23.655	252	1029895	51.684	ng/u1	99
91) Benzo(k)fluoranthene	23.708	252	346950m	17.151	ng/u1	
93) Benzo(a)pyrene	24.495	252	678868	35.878	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	28.155	276	434816m	19.002	ng/u1	
95) Dibenzo(a,h)anthracene	28.191	278	104413m	5.534	ng/u1	
96) Benzo(g,h,i)perylene	29.260	276	319844m	17.570	ng/u1	

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

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