

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
 Data File : BG061574.D
 Acq On : 8 Jun 2024 21:00
 Operator : MA/JU
 Sample : P2647-17
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBT1

Manual Integrations
 APPROVED

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

Quant Time: Jun 10 00:36:31 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	7.871	152	27697	20.000	ng/u1	0.00
20) Naphthalene-d8	10.667	136	108599	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.510	164	81560	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.266	188	190195	20.000	ng/u1	0.00
79) Chrysene-d12	21.525	240	204141	20.000	ng/u1	0.00
88) Perylene-d12	24.633	264	216473	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	1739	3.514	ng/uL	-0.03
4) Pyridine-d5	3.740	84	15912	9.037	ng/u1	-0.03
7) Phenol-d5	7.072	99	55957	24.602	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.201	67	31644	22.135	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.412	132	46453	27.596	ng/u1	0.00
15) 4-Methylphenol-d8	8.599	113	47162	24.317	ng/u1	0.00
21) Nitrobenzene-d5	9.028	128	23548	28.163	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.757	143	27803	28.412	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.309	165	55339	29.008	ng/u1	0.00
31) 4-Chloroaniline-d4	10.814	131	15867	6.357	ng/u1	0.00
46) Dimethylphthalate-d6	13.917	166	163811	25.896	ng/u1	0.00
49) Acenaphthylene-d8	14.204	160	181021	27.526	ng/u1	0.00
54) 4-Nitrophenol-d4	14.774	143	16700m	21.354	ng/u1	0.02
60) Fluorene-d10	15.509	176	147407	26.991	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.662	200	15884	13.808	ng/u1	0.01
73) Anthracene-d10	17.365	188	234941	28.019	ng/u1	0.00
81) Pyrene-d10	19.663	212	263641	25.152	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.422	264	223044	21.432	ng/u1	0.02
Target Compounds						
					Qvalue	
30) Naphthalene	10.714	128	7561	1.319	ng/u1#	85
36) 2-Methylnaphthalene	12.330	142	5050	1.215	ng/u1	91
37) 1-Methylnaphthalene	12.548	142	5264	1.234	ng/u1#	85
52) Acenaphthene	14.575	153	6508	1.360	ng/u1	97
56) Dibenzofuran	14.909	168	7280	1.064	ng/u1	93
61) Fluorene	15.562	166	9564	1.616	ng/u1#	95
72) Phenanthrene	17.307	178	215086	23.300	ng/u1	99
74) Anthracene	17.401	178	32917	3.449	ng/u1	99
77) Carbazole	17.677	167	15466	1.992	ng/u1	95
80) Fluoranthene	19.328	202	454684	36.160	ng/u1	98
82) Pyrene	19.692	202	374286	28.676	ng/u1	97
83) Butylbenzylphthalate	20.573	149	16060	3.582	ng/u1	99
85) Benzo(a)anthracene	21.508	228	249273	17.697	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.414	149	72954	10.992	ng/u1#	98
87) Chrysene	21.572	228	279921	21.582	ng/u1	95
90) Benzo(b)fluoranthene	23.652	252	342789	26.596	ng/u1	99
91) Benzo(k)fluoranthene	23.711	252	137823m	10.534	ng/u1	
93) Benzo(a)pyrene	24.492	252	137800	11.259	ng/u1	93
94) Indeno(1,2,3-cd)pyrene	28.170	276	96862m	6.545	ng/u1	
95) Dibenzo(a,h)anthracene	28.206	278	30102m	2.467	ng/u1	

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

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