

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
 Data File : BG058474.D
 Acq On : 26 Jul 2023 11:30
 Operator : CG/JU
 Sample : 03540-03DL 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4734DL

Quant Time: Jul 26 13:01:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 24 22:10:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	51559	20.000	ng/u1	0.00
20) Naphthalene-d8	10.620	136	215046	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.463	164	147950	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.207	188	331103	20.000	ng/u1	0.00
79) Chrysene-d12	21.449	240	285898	20.000	ng/u1	0.00
88) Perylene-d12	24.522	264	363710	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.241	96	999	0.713	ng/uL	0.00
4) Pyridine-d5	3.652	84	5953	1.432	ng/u1	0.00
7) Phenol-d5	6.989	99	12956	2.649	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.142	67	11004	3.600	ng/u1	0.00
11) 2-Chlorophenol-d4	7.348	132	12757	3.726	ng/u1	0.00
15) 4-Methylphenol-d8	8.528	113	10644	2.853	ng/u1	0.00
21) Nitrobenzene-d5	8.981	128	5506	3.416	ng/u1	0.00
24) 2-Nitrophenol-d4	9.698	143	6051	3.439	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.250	165	10612	3.146	ng/u1	0.00
31) 4-Chloroaniline-d4	10.796	131	59	0.012	ng/u1	0.04
46) Dimethylphthalate-d6	13.869	166	46487	4.075	ng/u1	0.00
49) Acenaphthylene-d8	14.157	160	43614	3.648	ng/u1	0.00
54) 4-Nitrophenol-d4	14.698	143	546	0.317	ng/u1	0.02
60) Fluorene-d10	15.456	176	41973	4.444	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.585	200	1341	0.795	ng/u1	0.00
73) Anthracene-d10	17.306	188	59085	4.130	ng/u1	0.00
81) Pyrene-d10	19.598	212	26819	1.588	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.310	264	12611	0.717	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.640	105	14584	2.295	ng/u1	97
30) Naphthalene	10.667	128	53851	4.685	ng/u1	100
36) 2-Methylnaphthalene	12.283	142	20290	2.635	ng/u1	99
37) 1-Methylnaphthalene	12.500	142	15994	2.026	ng/u1#	94
47) Dimethylphthalate	13.916	163	14645	1.278	ng/u1#	97
52) Acenaphthene	14.527	153	78151	8.722	ng/u1	97
56) Dibenzofuran	14.862	168	85665	6.714	ng/u1	96
61) Fluorene	15.509	166	96547	9.228	ng/u1	100
72) Phenanthrene	17.254	178	896644	56.985	ng/u1	97
74) Anthracene	17.342	178	211254	13.374	ng/u1	98
77) Carbazole	17.612	167	26015	1.900	ng/u1	97
78) Di-n-butylphthalate	18.164	149	18271	1.050	ng/u1	97
80) Fluoranthene	19.269	202	982694	50.799	ng/u1	99
82) Pyrene	19.627	202	281387	14.356	ng/u1	99
85) Benzo(a)anthracene	21.431	228	456286	23.744	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.337	149	48750	4.441	ng/u1#	98
87) Chrysene	21.496	228	350184	19.212	ng/u1	97
90) Benzo(b)fluoranthene	23.546	252	421022	20.007	ng/u1	99
91) Benzo(k)fluoranthene	23.605	252	175931	8.382	ng/u1	96
93) Benzo(a)pyrene	24.375	252	47713	2.549	ng/u1#	92
94) Indeno(1,2,3-cd)pyrene	28.000	276	68184m	2.765	ng/u1	
95) Dibenzo(a,h)anthracene	28.053	278	62888m	3.110	ng/u1	

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

