

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
 Data File : BG057241.D
 Acq On : 29 Apr 2023 7:54
 Operator : CG/JU
 Sample : 02417-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW8W8

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 05/01/2023
 Supervised By :Jagrut Upadhyay 05/01/2023

Quant Time: May 01 00:47:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 28 23:37:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.378	152	14344	20.000	ng/u1	0.00
20) Naphthalene-d8	11.215	136	58362	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.986	164	47740	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.730	188	112905	20.000	ng/u1	0.00
79) Chrysene-d12	22.036	240	101238	20.000	ng/u1	0.00
88) Perylene-d12	25.543	264	107018	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.655	96	575	1.764	ng/uL	0.00
4) Pyridine-d5	4.119	84	1699m	1.653	ng/u1	0.02
7) Phenol-d5	7.514	99	16887	12.449	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.685	67	10358	12.982	ng/u1	0.00
11) 2-Chlorophenol-d4	7.902	132	12122	13.560	ng/u1	0.00
15) 4-Methylphenol-d8	9.077	113	12579	12.201	ng/u1	0.00
21) Nitrobenzene-d5	9.553	128	6766	14.558	ng/u1	0.00
24) 2-Nitrophenol-d4	10.281	143	7846	14.465	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.827	165	15059	14.390	ng/u1	0.00
31) 4-Chloroaniline-d4	11.344	131	7204	5.194	ng/u1	0.00
46) Dimethylphthalate-d6	14.370	166	55044	14.551	ng/u1	0.00
49) Acenaphthylene-d8	14.687	160	61856	14.549	ng/u1	0.00
54) 4-Nitrophenol-d4	15.180	143	5742	10.428	ng/u1	0.01
60) Fluorene-d10	15.973	176	51266	14.548	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.085	200	8429	12.600	ng/u1	0.00
73) Anthracene-d10	17.824	188	80746	15.668	ng/u1	0.00
81) Pyrene-d10	20.091	212	99190	16.507	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.302	264	89810	16.472	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.555	94	27781m	20.319	ng/u1	
16) Acetophenone	9.194	105	7274	4.100	ng/u1#	70
30) Naphthalene	11.268	128	26948	8.410	ng/u1	99
36) 2-Methylnaphthalene	12.836	142	8147	3.467	ng/u1	99
37) 1-Methylnaphthalene	13.060	142	5739	2.429	ng/u1#	87
52) Acenaphthene	15.051	153	9831	3.194	ng/u1	96
56) Dibenzofuran	15.380	168	11256	2.532	ng/u1	94
61) Fluorene	16.026	166	12387	3.295	ng/u1	96
72) Phenanthrene	17.771	178	201511	34.273	ng/u1	99
74) Anthracene	17.859	178	47345	8.016	ng/u1	98
77) Carbazole	18.123	167	21432	4.342	ng/u1	98
80) Fluoranthene	19.762	202	311361	43.619	ng/u1	96
82) Pyrene	20.121	202	269164	37.248	ng/u1#	97
85) Benzo(a)anthracene	22.012	228	143091	19.985	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.860	149	8228	2.445	ng/u1	92
87) Chrysene	22.089	228	130125	19.263	ng/u1	96
90) Benzo(b)fluoranthene	24.427	252	175191	23.640	ng/u1	96
91) Benzo(k)fluoranthene	24.485	252	57958m	8.039	ng/u1	
93) Benzo(a)pyrene	25.384	252	130269m	20.361	ng/u1	
94) Indeno(1,2,3-cd)pyrene	29.590	276	89449m	11.184	ng/u1	
95) Dibenzo(a,h)anthracene	29.625	278	22753	3.431	ng/u1#	85
96) Benzo(g,h,i)perylene	30.871	276	76247m	11.780	ng/u1	

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

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