

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120221\
 Data File : BG051337.D
 Acq On : 3 Dec 2021 20:07
 Operator : CG/JU
 Sample : M4833-13
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ESQN0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/06/2021
 Supervised By :mohammad ahmed 12/07/2021

Quant Time: Dec 03 23:37:51 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 03 15:23:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.191	152	31186	20.000	ng/u1	-0.01
20) Naphthalene-d8	11.017	136	131871	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.825	164	86700	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.574	188	182261	20.000	ng/u1	0.00
79) Chrysene-d12	21.875	240	154256	20.000	ng/u1	0.00
88) Perylene-d12	25.277	264	153422	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.532	96	3395m	3.783	ng/uL	-0.01
4) Pyridine-d5	3.967	84	36609	13.902	ng/u1	-0.01
7) Phenol-d5	7.351	99	70307	22.810	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.504	67	46202	23.867	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.721	132	52836	23.805	ng/u1	-0.01
15) 4-Methylphenol-d8	8.908	113	50379	20.255	ng/u1	0.00
21) Nitrobenzene-d5	9.372	128	28210	25.342	ng/u1	0.00
24) 2-Nitrophenol-d4	10.095	143	32833	26.147	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.647	165	53216	24.978	ng/u1	0.00
31) 4-Chloroaniline-d4	11.158	131	50055	16.057	ng/u1	0.00
46) Dimethylphthalate-d6	14.214	166	173300	25.978	ng/u1	-0.01
49) Acenaphthylene-d8	14.519	160	223413	26.559	ng/u1	-0.01
54) 4-Nitrophenol-d4	15.048	143	23897m	22.130	ng/u1	0.00
60) Fluorene-d10	15.812	176	157511	26.220	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.947	200	17087	15.193	ng/u1	0.00
73) Anthracene-d10	17.674	188	242146	27.779	ng/u1	0.00
81) Pyrene-d10	19.954	212	293347	31.429	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.042	264	246741	30.113	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.616	178	11420	1.135	ng/u1	97
80) Fluoranthene	19.619	202	28478	2.484	ng/u1	97
82) Pyrene	19.983	202	25316	2.258	ng/u1	98
85) Benzo(a)anthracene	21.858	228	12838	1.227	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.711	149	9531	1.421	ng/u1	97
87) Chrysene	21.922	228	13419	1.335	ng/u1	93
90) Benzo(b)fluoranthene	24.190	252	16048	1.550	ng/u1#	89
93) Benzo(a)pyrene	25.107	252	11932	1.208	ng/u1#	96

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

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