Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071123\
Data File : BG058167.D
Acq On : 11 Jul 2023 20:28
Operator : CG/JU
Sample : 03385-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jul 11 23:39:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 10 16:52:40 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
EX7Y0

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.970	152	39224	20.000	ng/ul	0.00
20) Naphthalene-d8	10.778	136	175517	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.597	164	125101	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.341	188	297284	20.000	ng/ul	0.00
79) Chrysene-d12	21.595	240	257473	20.000	ng/ul	0.00
88) Perylene-d12	24.785	264	313093	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.404	96	4579	4.088	ng/uL	0.00
4) Pyridine-d5	3.810	84	81017	23.824	ng/ul	0.00
7) Phenol-d5	7.129	99	103131	25.746	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.294	67	59125	24.493	ng/ul	0.00
11) 2-Chlorophenol-d4	7.506	132	70690	25.587	ng/ul	0.00
15) 4-Methylphenol-d8	8.675	113	64670	21.396	ng/ul	0.00
21) Nitrobenzene-d5	9.133	128	38850	27.158	ng/ul	0.00
24) 2-Nitrophenol-d4	9.856	143	44617	29.676	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.396	165	80950	28.067	ng/ul	0.00
31) 4-Chloroaniline-d4	10.907	131	96865	22.151	ng/ul	0.00
46) Dimethylphthalate-d6	13.998	166	281815	28.551	ng/ul	0.00
49) Acenaphthylene-d8	14.292	160	310884	28.863	ng/ul	0.00
54) 4-Nitrophenol-d4	14.797	143	24984	14.326	ng/ul	0.00
60) Fluorene-d10	15.590	176	253014	30.183	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.708	200	21715	13.452	ng/ul	0.00
73) Anthracene-d10	17.441	188	404794	29.344	ng/ul	0.00
81) Pyrene-d10	19.726	212	478311	29.497	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.568	264	494565	31.005	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.825	128	11930	1.209	ng/ul	98
52) Acenaphthene	14.662	153	10354	1.297	ng/ul	95
61) Fluorene	15.643	166	11500	1.235	ng/ul	99
72) Phenanthrene	17.382	178	164583	10.884	ng/ul	98
74) Anthracene	17.476	178	73286	4.789	ng/ul	98
80) Fluoranthene	19.392	202	624473	33.234	ng/ul	99
82) Pyrene	19.756	202	511525	27.045	ng/ul	98
85) Benzo(a)anthracene	21.577	228	290186	15.697	ng/ul	98
87) Chrysene	21.642	228	251820	14.531	ng/ul	98
90) Benzo(b)fluoranthene	23.781	252	298582	15.402	ng/ul	100
91) Benzo(k)fluoranthene	23.833	252	121987m	6.420	ng/ul	
93) Benzo(a)pyrene	24.638	252	216374	12.610	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.428	276	130696	5.736	ng/ul	95
95) Dibenzo(a,h)anthracene	28.463	278	31572m	1.680	ng/ul	
96) Benzo(g,h,i)perylene	29.562	276	123782m	6.651	ng/ul	

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

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