Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
Data File : BG058312.D
Acq On : 18 Jul 2023 22:37
Operator : CG/JU
Sample : 03444-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jul 19 05:54:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 18 02:19:39 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A46W0

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Sohil Jodhani 07/19/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	42440	20.000	ng/ul	0.00
20) Naphthalene-d8	10.702	136	192492	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.533	164	143004	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.276	188	340211	20.000	ng/ul	0.00
79) Chrysene-d12	21.530	240	290077	20.000	ng/ul	0.00
88) Perylene-d12	24.662	264	349502	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	896	0.777	ng/uL	0.00
4) Pyridine-d5	3.757	84	7364	2.152	ng/ul	0.00
7) Phenol-d5	7.065	99	24239	6.021	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.223	67	17009	6.759	ng/ul	0.00
11) 2-Chlorophenol-d4	7.435	132	18042	6.402	ng/ul	0.00
15) 4-Methylphenol-d8	8.604	113	2627	0.855	ng/ul	0.00
21) Nitrobenzene-d5	9.057	128	9757	6.762	ng/ul	0.00
24) 2-Nitrophenol-d4	9.779	143	10346	6.568	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.320	165	18484	6.121	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.939	166	81434	7.385	ng/ul	0.00
49) Acenaphthylene-d8	14.227	160	83957	7.265	ng/ul	0.00
54) 4-Nitrophenol-d4	14.744	143	9914m	5.953	ng/ul	0.00
60) Fluorene-d10	15.526	176	75036	8.219	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.643	200	9105	5.253	ng/ul	0.00
73) Anthracene-d10	17.376	188	80671	5.488	ng/ul	0.00
81) Pyrene-d10	19.668	212	153795	8.977	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.439	264	92543	5.478	ng/ul	-0.01
Target Compounds						Qvalue
16) Acetophenone	8.716	105	18324	3.504	ng/ul	96
72) Phenanthrene	17.318	178	95590	5.912	ng/ul	100
80) Fluoranthene	19.333	202	127658	6.504	ng/ul	98
82) Pyrene	19.697	202	108562	5.459	ng/ul	97
85) Benzo(a)anthracene	21.507	228	48549	2.490	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.413	149	56665	5.087	ng/ul	99
87) Chrysene	21.571	228	52440	2.836	ng/ul	96
89) Di-n-octyl phthalate	22.594	149	19596	1.054	ng/ul	100
90) Benzo(b)fluoranthene	23.669	252	62620	3.097	ng/ul#	94
91) Benzo(k)fluoranthene	23.722	252	20842m	1.033	ng/ul	
93) Benzo(a)pyrene	24.509	252	28057	1.560	ng/ul#	91
94) Indeno(1,2,3-cd)pyrene	28.222	276	31647m	1.335	ng/ul	
96) Benzo(g,h,i)perylene	29.327	276	28730	1.488	ng/ul	95

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

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