Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
Data File : BG058320.D
Acq On : 19 Jul 2023 4:49
Operator : CG/JU
Sample : 03444-22
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jul 19 07:01:20 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 :
A46Y3

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	7.896	152	44543	20.000	ng/ul	0.00
20) Naphthalene-d8	10.699	136	207676	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.535	164	157018	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.279	188	379657	20.000	ng/ul	0.00
79) Chrysene-d12	21.527	240	315185	20.000	ng/ul	0.00
88) Perylene-d12	24.665	264	375050	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.343	96	1435	1.186	ng/uL	0.00
4) Pyridine-d5	3.754	84	9320	2.595	ng/ul	0.00
7) Phenol-d5	7.062	99	36189	8.564	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.220	67	22805	8.635	ng/ul	0.00
11) 2-Chlorophenol-d4	7.432	132	25438	8.600	ng/ul	0.00
15) 4-Methylphenol-d8	8.601	113	8730	2.709	ng/ul	0.00
21) Nitrobenzene-d5	9.059	128	13363	8.584	ng/ul	0.00
24) 2-Nitrophenol-d4	9.776	143	14676	8.636	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.317	165	26901	8.258	ng/ul	0.00
31) 4-Chloroaniline-d4	10.681	131	141	0.030	ng/ul	-0.16
46) Dimethylphthalate-d6	13.936	166	100592	8.308	ng/ul	0.00
49) Acenaphthylene-d8	14.230	160	106649	8.405	ng/ul	0.00
54) 4-Nitrophenol-d4	14.741	143	12515m	6.844	ng/ul	0.00
60) Fluorene-d10	15.522	176	93830	9.360	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.646	200	12299	6.358	ng/ul	0.00
73) Anthracene-d10	17.373	188	89374	5.448	ng/ul	0.00
81) Pyrene-d10	19.665	212	189137	10.160	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.447	264	92395	5.097	ng/ul	0.00
Target Compounds						Qvalue
16) Acetophenone	8.719	105	20084	3.659	ng/ul	98
72) Phenanthrene	17.320	178	70526	3.909	ng/ul	98
80) Fluoranthene	19.330	202	123743	5.802	ng/ul	98
82) Pyrene	19.694	202	102765	4.756	ng/ul	99
85) Benzo(a)anthracene	21.510	228	45339	2.140	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.410	149	35365	2.922	ng/ul	96
87) Chrysene	21.574	228	51995	2.588	ng/ul	97
90) Benzo(b)fluoranthene	23.672	252	61335	2.826	ng/ul	98
91) Benzo(k)fluoranthene	23.725	252	24335m	1.124	ng/ul	
93) Benzo(a)pyrene	24.512	252	21120	1.094	ng/ul#	90
94) Indeno(1,2,3-cd)pyrene	28.213	276	28971m	1.139	ng/ul	
96) Benzo(g,h,i)perylene	29.330	276	25486	1.230	ng/ul	98

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

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