Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
Data File : BG058450.D
Acq On : 25 Jul 2023 17:33
Operator : CG/JU
Sample : 03534-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 26 01:06:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 24 22:10:54 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A4737

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.817	152	36516	20.000	ng/ul	0.00
20) Naphthalene-d8	10.620	136	165078	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.463	164	131751	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.206	188	336483	20.000	ng/ul	0.00
79) Chrysene-d12	21.449	240	293481	20.000	ng/ul	0.00
88) Perylene-d12	24.510	264	356147	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	3168	3.193	ng/uL	0.00
4) Pyridine-d5	3.652	84	37431	12.711	ng/ul	0.00
7) Phenol-d5	6.983	99	50444	14.562	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.148	67	33263	15.363	ng/ul	0.00
11) 2-Chlorophenol-d4	7.347	132	38396	15.835	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	21487	8.132	ng/ul	0.00
21) Nitrobenzene-d5	8.981	128	17210	13.909	ng/ul	0.00
24) 2-Nitrophenol-d4	9.703	143	19575	14.491	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.244	165	36192	13.976	ng/ul	0.00
31) 4-Chloroaniline-d4	10.779	131	4953m	1.319	ng/ul	0.02
46) Dimethylphthalate-d6	13.869	166	162890	16.033	ng/ul	0.00
49) Acenaphthylene-d8	14.157	160	178367	16.753	ng/ul	0.00
54) 4-Nitrophenol-d4	14.686	143	12616m	8.222	ng/ul	0.00
60) Fluorene-d10	15.456	176	154048	18.314	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.579	200	16906	9.862	ng/ul	0.00
73) Anthracene-d10	17.306	188	229939	15.815	ng/ul	0.00
81) Pyrene-d10	19.598	212	316622	18.266	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.298	264	271377	15.765	ng/ul	-0.01
Target Compounds						Qvalue
16) Acetophenone	8.646	105	5333	1.185	ng/ul#	90
47) Dimethylphthalate	13.916	163	44938	4.404	ng/ul	98
72) Phenanthrene	17.248	178	67156	4.200	ng/ul	99
74) Anthracene	17.342	178	18379	1.145	ng/ul	96
80) Fluoranthene	19.263	202	121843	6.136	ng/ul	99
82) Pyrene	19.627	202	114562	5.694	ng/ul	99
85) Benzo(a)anthracene	21.425	228	52312	2.652	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.331	149	12407	1.101	ng/ul#	98
87) Chrysene	21.490	228	51580	2.757	ng/ul	94
90) Benzo(b)fluoranthene	23.546	252	58950	2.861	ng/ul#	96
91) Benzo(k)fluoranthene	23.593	252	23037m	1.121	ng/ul	
93) Benzo(a)pyrene	24.369	252	38648	2.109	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	27.982	276	28534	1.182	ng/ul	93
96) Benzo(g,h,i)perylene	29.087	276	24820m	1.262	ng/ul	

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

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