Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
Data File : BM047900.D
Acq On : 08 Oct 2024 01:40
Operator : RC/JU
Sample : P4109-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Oct 08 02:28:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 08:32:31 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4EW1

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/08/2024
Supervised By :mohammad ahmed 10/11/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	306733	20.000	ng/ul	0.00
20) Naphthalene-d8	10.586	136	1238520	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.433	164	752565	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.168	188	1524865	20.000	ng/ul	0.00
79) Chrysene-d12	21.391	240	1415914	20.000	ng/ul	0.00
88) Perylene-d12	24.391	264	1606799	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.251	96	9964	1.050	ng/uL	0.00
4) Pyridine-d5	3.681	84	16253m	0.585	ng/ul	0.02
7) Phenol-d5	6.963	99	164657	5.677	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	104864	5.095	ng/ul	0.00
11) 2-Chlorophenol-d4	7.328	132	142330	6.745	ng/ul	0.00
15) 4-Methylphenol-d8	8.504	113	109996	5.101	ng/ul	0.00
21) Nitrobenzene-d5	8.951	128	62871	6.376	ng/ul	0.00
24) 2-Nitrophenol-d4	9.675	143	64918	6.870	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	131414	6.961	ng/ul	0.00
31) 4-Chloroaniline-d4	10.727	131	64097	2.196	ng/ul	0.00
46) Dimethylphthalate-d6	13.839	166	380093	6.966	ng/ul	0.00
49) Acenaphthylene-d8	14.121	160	443047	6.849	ng/ul	0.00
54) 4-Nitrophenol-d4	14.633	143	40108	3.692	ng/ul	0.00
60) Fluorene-d10	15.421	176	348072	7.365	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	23830	2.671	ng/ul	0.00
73) Anthracene-d10	17.268	188	509542	6.796	ng/ul	0.00
81) Pyrene-d10	19.556	212	507231	6.312	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.180	264	339508	4.072	ng/ul	-0.01
Target Compounds						Qvalue
16) Acetophenone	8.616	105	39009	1.057	ng/ul	92
72) Phenanthrene	17.209	178	195732	2.189	ng/ul	98
80) Fluoranthene	19.221	202	457636	4.835	ng/ul	97
82) Pyrene	19.586	202	294734	2.798	ng/ul#	93
85) Benzo(a)anthracene	21.374	228	213693	2.156	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.297	149	68423	1.224	ng/ul#	97
87) Chrysene	21.433	228	248695	2.573	ng/ul	97
90) Benzo(b)fluoranthene	23.444	252	323174	3.225	ng/ul	97
91) Benzo(k)fluoranthene	23.497	252	111247m	1.086	ng/ul	

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

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