Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
Data File : BM047893.D
Acq On : 07 Oct 2024 21:03
Operator : RC/JU
Sample : P4109-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 07 23:32:25 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 :
A4EJ9

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	7.799	152	311409	20.000	ng/ul	0.00
20) Naphthalene-d8	10.587	136	1243265	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.434	164	759985	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.169	188	1558042	20.000	ng/ul	0.00
79) Chrysene-d12	21.398	240	1477216	20.000	ng/ul	0.00
88) Perylene-d12	24.398	264	1670288	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	15899	1.650	ng/uL	0.00
4) Pyridine-d5	3.681	84	25907m	0.918	ng/ul	0.02
7) Phenol-d5	6.963	99	270238	9.177	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	166766	7.981	ng/ul	0.00
11) 2-Chlorophenol-d4	7.328	132	231983	10.828	ng/ul	0.00
15) 4-Methylphenol-d8	8.505	113	204087	9.322	ng/ul	0.00
21) Nitrobenzene-d5	8.952	128	103126	10.418	ng/ul	0.00
24) 2-Nitrophenol-d4	9.675	143	110341	11.632	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	215816	11.389	ng/ul	0.00
31) 4-Chloroaniline-d4	10.722	131	240057	8.194	ng/ul	0.00
46) Dimethylphthalate-d6	13.839	166	608381	11.042	ng/ul	0.00
49) Acenaphthylene-d8	14.122	160	696340	10.659	ng/ul	0.00
54) 4-Nitrophenol-d4	14.628	143	80220	7.313	ng/ul	0.00
60) Fluorene-d10	15.422	176	545153	11.423	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	51285	5.625	ng/ul	0.00
73) Anthracene-d10	17.269	188	819004	10.690	ng/ul	0.00
81) Pyrene-d10	19.557	212	845787	10.088	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.186	264	599102	6.913	ng/ul	0.00
Target Compounds						Qvalue
16) Acetophenone	8.616	105	65338	1.744	ng/ul	92
30) Naphthalene	10.640	128	81558	1.140	ng/ul	99
52) Acenaphthene	14.492	153	82721	1.588	ng/ul	98
61) Fluorene	15.475	166	90182	1.542	ng/ul	99
72) Phenanthrene	17.210	178	1351264	14.789	ng/ul	100
74) Anthracene	17.304	178	250267	2.686	ng/ul	99
77) Carbazole	17.569	167	137492	1.628	ng/ul	98
80) Fluoranthene	19.221	202	1746786	17.690	ng/ul	99
82) Pyrene	19.586	202	1129464	10.277	ng/ul#	95
85) Benzo(a)anthracene	21.380	228	680266	6.577	ng/ul	99
87) Chrysene	21.439	228	658191	6.528	ng/ul	97
90) Benzo(b)fluoranthene	23.451	252	767707	7.370	ng/ul	99
91) Benzo(k)fluoranthene	23.504	252	297600m	2.794	ng/ul	
93) Benzo(a)pyrene	24.251	252	263472	2.663	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.774	276	227849	1.797	ng/ul	97

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

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