Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
Data File : BM047890.D
Acq On : 07 Oct 2024 19:04
Operator : RC/JU
Sample : P4083-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 07 23:25:44 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 :
A4EK3

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	207306	20.000	ng/ul	0.00
20) Naphthalene-d8	10.586	136	832026	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.433	164	508165	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.168	188	1024306	20.000	ng/ul	0.00
79) Chrysene-d12	21.397	240	964716	20.000	ng/ul	0.00
88) Perylene-d12	24.397	264	1073152	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	7998	1.247	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.963	99	209658	10.695	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	151195	10.869	ng/ul	0.00
11) 2-Chlorophenol-d4	7.328	132	186712	13.091	ng/ul	0.00
15) 4-Methylphenol-d8	8.504	113	114502	7.856	ng/ul	0.00
21) Nitrobenzene-d5	8.951	128	94712	14.297	ng/ul	0.00
24) 2-Nitrophenol-d4	9.669	143	100839	15.884	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	184389	14.540	ng/ul	0.00
31) 4-Chloroaniline-d4	10.722	131	133398	6.804	ng/ul	0.00
46) Dimethylphthalate-d6	13.839	166	573685	15.571	ng/ul	0.00
49) Acenaphthylene-d8	14.121	160	663147	15.181	ng/ul	0.00
54) 4-Nitrophenol-d4	14.627	143	70339	9.589	ng/ul	0.00
60) Fluorene-d10	15.421	176	518474	16.247	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	49139	8.198	ng/ul	0.00
73) Anthracene-d10	17.268	188	729022	14.474	ng/ul	0.00
81) Pyrene-d10	19.556	212	804251	14.689	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.185	264	657635	11.811	ng/ul	0.00
Target Compounds						Qvalue
16) Acetophenone	8.616	105	70530	2.828	ng/ul	92
72) Phenanthrene	17.209	178	250510	4.170	ng/ul	99
80) Fluoranthene	19.221	202	531146	8.237	ng/ul	97
82) Pyrene	19.586	202	323979	4.514	ng/ul#	95
85) Benzo(a)anthracene	21.380	228	231470	3.427	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.303	149	139776	3.669	ng/ul#	99
87) Chrysene	21.439	228	268181m	4.073	ng/ul	
90) Benzo(b)fluoranthene	23.450	252	337161	5.038	ng/ul	97
91) Benzo(k)fluoranthene	23.503	252	127519m	1.863	ng/ul	
93) Benzo(a)pyrene	24.250	252	89728	1.412	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	27.773	276	97449	1.196	ng/ul	93

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

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