Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
Data File : BP015771.D
Acq On : 28 Jun 2023 10:26
Operator : MA/JU
Sample : 03101-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 28 22:14:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 27 00:56:58 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
EZEM0

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/28/2023
Supervised By :mohammad ahmed 06/28/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	191927	20.000	ng/ul	0.00
20) Naphthalene-d8	10.887	136	701874	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	362183	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	711270	20.000	ng/ul	0.00
79) Chrysene-d12	21.557	240	688958	20.000	ng/ul	0.00
88) Perylene-d12	24.103	264	874389	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	22508	4.219	ng/uL	0.00
4) Pyridine-d5	3.828	84	201876	15.013	ng/ul	0.00
7) Phenol-d5	7.234	99	332508	20.248	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.381	67	235798	23.209	ng/ul	0.00
11) 2-Chlorophenol-d4	7.587	132	288240	23.252	ng/ul	0.00
15) 4-Methylphenol-d8	8.793	113	224147	17.278	ng/ul	0.00
21) Nitrobenzene-d5	9.245	128	125878	23.467	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	140577	22.455	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.539	165	213833	19.167	ng/ul	0.02
31) 4-Chloroaniline-d4	11.063	131	238795	16.663	ng/ul	0.02
46) Dimethylphthalate-d6	14.122	166	673965	24.075	ng/ul	0.00
49) Acenaphthylene-d8	14.404	160	770557	24.486	ng/ul	0.00
54) 4-Nitrophenol-d4	14.992	143	51995m	14.075	ng/ul	0.05
60) Fluorene-d10	15.710	176	545000	23.644	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.874	200	51219m	11.709	ng/ul	0.02
73) Anthracene-d10	17.574	188	790184	24.321	ng/ul	0.00
81) Pyrene-d10	19.798	212	1006375	22.370	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.939	264	1158723	26.270	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.510	178	545607	14.120	ng/ul	99
74) Anthracene	17.610	178	85656	2.206	ng/ul	97
77) Carbazole	17.898	167	62748	1.917	ng/ul	98
80) Fluoranthene	19.474	202	1013101	18.120	ng/ul	98
82) Pyrene	19.827	202	772133	13.538	ng/ul	96
85) Benzo(a)anthracene	21.545	228	285639	5.894	ng/ul	97
87) Chrysene	21.598	228	304326	6.618	ng/ul	97
90) Benzo(b)fluoranthene	23.321	252	401600	7.148	ng/ul	96
91) Benzo(k)fluoranthene	23.368	252	128012	2.255	ng/ul#	92
93) Benzo(a)pyrene	23.992	252	252433	5.142	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	26.809	276	194851	2.924	ng/ul	98
96) Benzo(g,h,i)perylene	27.644	276	178484	3.255	ng/ul#	95

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

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