Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046020.D
Acq On : 13 Jun 2024 12:40
Operator : MA/JU
Sample : P2648-09 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHBZ8

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024

Quant Time: Jun 13 13:43:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 16:01:34 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.434	152	78934	20.000	ng/ul	0.00
20) Naphthalene-d8	10.204	136	320674	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.080	164	206032	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.827	188	445819	20.000	ng/ul	0.00
79) Chrysene-d12	21.039	240	479961	20.000	ng/ul	0.00
88) Perylene-d12	23.739	264	594878	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.722	99	6036m	0.900	ng/ul	0.03
9) Bis-(2-Chloroethyl)eth...	6.822	67	3639	0.756	ng/ul	0.02
11) 2-Chlorophenol-d4	7.010	132	5140	1.026	ng/ul	0.01
15) 4-Methylphenol-d8	8.245	113	4791m	0.946	ng/ul	0.04
21) Nitrobenzene-d5	8.634	128	2489m	0.993	ng/ul	0.04
24) 2-Nitrophenol-d4	9.328	143	2027	0.799	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	9.928	165	3694m	0.776	ng/ul	0.06
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.557	166	17626	1.236	ng/ul	0.02
49) Acenaphthylene-d8	13.775	160	19250	1.162	ng/ul	0.00
54) 4-Nitrophenol-d4	14.451	143	1014m	0.329	ng/ul	0.07
60) Fluorene-d10	15.092	176	14391	1.183	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.239	200	1354	0.595	ng/ul	0.02
73) Anthracene-d10	16.927	188	27710m	1.430	ng/ul	0.00
81) Pyrene-d10	19.221	212	27217	0.912	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.550	264	26779	0.963	ng/ul	-0.01
Target Compounds						Qvalue
72) Phenanthrene	16.868	178	82879	3.528	ng/ul	100
74) Anthracene	16.963	178	23962	1.021	ng/ul	98
80) Fluoranthene	18.892	202	180148	4.979	ng/ul	98
82) Pyrene	19.257	202	132621	3.567	ng/ul	100
85) Benzo(a)anthracene	21.021	228	117639	3.550	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	20.968	149	37548	1.668	ng/ul	95
87) Chrysene	21.074	228	129502	4.224	ng/ul	97
90) Benzo(b)fluoranthene	22.892	252	200774	5.492	ng/ul	100
91) Benzo(k)fluoranthene	22.945	252	62455	1.749	ng/ul	97
93) Benzo(a)pyrene	23.603	252	68599	2.135	ng/ul#	90
94) Indeno(1,2,3-cd)pyrene	26.709	276	75876	2.163	ng/ul	95

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

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