Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062724\
Data File : BP020673.D
Acq On : 27 Jun 2024 23:49
Operator : MA/JU
Sample : P2909-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Jun 28 00:21:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 25 18:30:06 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
A4B78

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/29/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	200365	20.000	ng/ul	0.00
20) Naphthalene-d8	10.522	136	774895	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.386	164	457779	20.000	ng/ul	0.02
64) Phenanthrene-d10	17.192	188	861720	20.000	ng/ul	0.00
79) Chrysene-d12	21.657	240	823799	20.000	ng/ul	0.02
88) Perylene-d12	25.021	264	1048438	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	7917	1.697	ng/uL	0.00
4) Pyridine-d5	3.693	84	36666	2.696	ng/ul	0.00
7) Phenol-d5	6.928	99	255578	15.552	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.087	67	132131	12.683	ng/ul	0.00
11) 2-Chlorophenol-d4	7.287	132	192499	14.333	ng/ul	0.00
15) 4-Methylphenol-d8	8.440	113	249546	18.697	ng/ul	0.00
21) Nitrobenzene-d5	8.893	128	104831	18.324	ng/ul	0.00
24) 2-Nitrophenol-d4	9.610	143	122899	21.466	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.146	165	250933	21.278	ng/ul	0.00
31) 4-Chloroaniline-d4	10.657	131	284394	17.208	ng/ul	0.00
46) Dimethylphthalate-d6	13.787	166	858675	26.978	ng/ul	0.00
49) Acenaphthylene-d8	14.069	160	960375	25.286	ng/ul	0.00
54) 4-Nitrophenol-d4	14.598	143	93161	19.157	ng/ul	0.00
60) Fluorene-d10	15.392	176	717020	26.771	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.522	200	98413	22.662	ng/ul	0.02
73) Anthracene-d10	17.298	188	1046779	27.067	ng/ul	0.02
81) Pyrene-d10	19.680	212	1238388	25.023	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.798	264	1427345	27.987	ng/ul	0.04
Target Compounds						Qvalue
72) Phenanthrene	17.233	178	85436	1.893	ng/ul	95
80) Fluoranthene	19.327	202	190401	3.150	ng/ul	99
82) Pyrene	19.710	202	163937	2.644	ng/ul	100
85) Benzo(a)anthracene	21.639	228	90985	1.576	ng/ul	93
87) Chrysene	21.698	228	99804	1.829	ng/ul	97
90) Benzo(b)fluoranthene	23.957	252	137665	2.167	ng/ul#	91
93) Benzo(a)pyrene	24.868	252	99487	1.659	ng/ul#	89
96) Benzo(g,h,i)perylene	30.021	276	81447m	1.297	ng/ul	

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

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