Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
Data File : BP015708.D
Acq On : 24 Jun 2023 14:35
Operator : MA/JU
Sample : 03085-11
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Jun 24 23:34:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 22 22:01:49 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
DCFP7

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.075	152	151827	20.000	ng/ul	0.00
20) Naphthalene-d8	10.904	136	575821	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.728	164	334685	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.486	188	741339	20.000	ng/ul	0.00
79) Chrysene-d12	21.580	240	727713	20.000	ng/ul	0.00
88) Perylene-d12	24.139	264	880462	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	13320	3.249	ng/uL	0.00
4) Pyridine-d5	3.846	84	112307	10.545	ng/ul	0.00
7) Phenol-d5	7.246	99	215432	15.402	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.399	67	140804	16.856	ng/ul	0.00
11) 2-Chlorophenol-d4	7.605	132	180086	17.758	ng/ul	0.00
15) 4-Methylphenol-d8	8.804	113	148068	12.898	ng/ul	0.00
21) Nitrobenzene-d5	9.263	128	84201	18.625	ng/ul	0.00
24) 2-Nitrophenol-d4	9.987	143	97138	18.815	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.551	165	158512	16.831	ng/ul	0.02
31) 4-Chloroaniline-d4	11.075	131	126804	9.380	ng/ul	0.02
46) Dimethylphthalate-d6	14.134	166	526009	19.931	ng/ul	0.00
49) Acenaphthylene-d8	14.422	160	602003	20.861	ng/ul	0.00
54) 4-Nitrophenol-d4	14.981	143	66804m	14.135	ng/ul	0.03
60) Fluorene-d10	15.722	176	442668	19.890	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	63013	13.417	ng/ul	0.01
73) Anthracene-d10	17.586	188	672248	19.930	ng/ul	0.00
81) Pyrene-d10	19.816	212	854352	21.936	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.974	264	905823	20.504	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.533	178	52864	1.329	ng/ul	96
80) Fluoranthene	19.492	202	167619	3.533	ng/ul	99
82) Pyrene	19.845	202	148032	3.016	ng/ul	100
85) Benzo(a)anthracene	21.563	228	114281	2.246	ng/ul	93
87) Chrysene	21.621	228	122820	2.554	ng/ul	95
90) Benzo(b)fluoranthene	23.351	252	210475	3.703	ng/ul#	91
91) Benzo(k)fluoranthene	23.398	252	69981m	1.274	ng/ul	
93) Benzo(a)pyrene	24.021	252	133163	2.687	ng/ul	93
94) Indeno(1,2,3-cd)pyrene	26.851	276	112796	1.759	ng/ul#	93
96) Benzo(g,h,i)perylene	27.698	276	107984	2.043	ng/ul	94

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

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