Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP015971.D
Acq On : 04 Jul 2023 12:18
Operator : MA/JU
Sample : 03353-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jul 04 22:15:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 02 06:12:16 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
DCGK4

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	276812	20.000	ng/ul	0.00
20) Naphthalene-d8	10.869	136	1232475	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.692	164	724110	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.451	188	1384999	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.545	240	911519	20.000	ng/ul	0.00
88) Perylene-d12	24.080	264	1046196	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	34077	4.429	ng/uL	0.00
4) Pyridine-d5	3.817	84	367980	18.973	ng/ul	0.00
7) Phenol-d5	7.234	99	677194	28.592	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.369	67	473984	32.347	ng/ul	0.00
11) 2-Chlorophenol-d4	7.575	132	552642	30.911	ng/ul	0.00
15) 4-Methylphenol-d8	8.787	113	477631	25.528	ng/ul	0.00
21) Nitrobenzene-d5	9.234	128	280548	29.785	ng/ul	0.00
24) 2-Nitrophenol-d4	9.963	143	306992	27.926	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	505549	25.807	ng/ul	0.02
31) 4-Chloroaniline-d4	11.051	131	419524	16.671	ng/ul	0.02
46) Dimethylphthalate-d6	14.104	166	1694137	30.270	ng/ul	0.00
49) Acenaphthylene-d8	14.387	160	1888249	30.012	ng/ul	0.00
54) 4-Nitrophenol-d4	14.998	143	154248	20.884	ng/ul	0.05
60) Fluorene-d10	15.692	176	1372032	29.772	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	145566	17.090	ng/ul	0.01
73) Anthracene-d10	17.557	188	1811882	28.640	ng/ul	0.00
81) Pyrene-d10	19.780	212	1909473	32.081	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.915	264	1640752	31.090	ng/ul	-0.01
Target Compounds						Qvalue
72) Phenanthrene	17.498	178	600545	7.982	ng/ul	99
74) Anthracene	17.598	178	94384m	1.248	ng/ul	
80) Fluoranthene	19.457	202	1622159	21.929	ng/ul#	94
82) Pyrene	19.810	202	1215348	16.107	ng/ul#	90
85) Benzo(a)anthracene	21.527	228	586421	9.146	ng/ul	96
87) Chrysene	21.580	228	750665	12.339	ng/ul	99
90) Benzo(b)fluoranthene	23.304	252	1045821	15.558	ng/ul#	95
91) Benzo(k)fluoranthene	23.351	252	379908m	5.594	ng/ul	
93) Benzo(a)pyrene	23.968	252	634102	10.795	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.780	276	508724	6.380	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.780	278	141103	2.154	ng/ul#	77
96) Benzo(g,h,i)perylene	27.621	276	418964	6.387	ng/ul#	93

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

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