Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061923\
Data File : BP015613.D
Acq On : 19 Jun 2023 20:36
Operator : MA/JU
Sample : 03080-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 19 23:51:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 15 05:36:46 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
DCFJ5

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/21/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	128452	20.000	ng/ul	0.00
20) Naphthalene-d8	10.910	136	572922	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.728	164	376256	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.486	188	864796	20.000	ng/ul	0.00
79) Chrysene-d12	21.569	240	734273	20.000	ng/ul	0.00
88) Perylene-d12	24.121	264	752332	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	10719	3.090	ng/uL	0.00
4) Pyridine-d5	3.852	84	118034	13.100	ng/ul	0.00
7) Phenol-d5	7.246	99	228163	19.281	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.410	67	168679	23.867	ng/ul	0.00
11) 2-Chlorophenol-d4	7.610	132	193240	22.523	ng/ul	0.00
15) 4-Methylphenol-d8	8.804	113	101746	10.476	ng/ul	0.00
21) Nitrobenzene-d5	9.263	128	115056	25.579	ng/ul	0.00
24) 2-Nitrophenol-d4	9.993	143	132929	25.878	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	188638	20.132	ng/ul	0.00
31) 4-Chloroaniline-d4	11.063	131	130160	9.677	ng/ul	0.00
46) Dimethylphthalate-d6	14.134	166	778645	26.243	ng/ul	0.00
49) Acenaphthylene-d8	14.428	160	875390	26.982	ng/ul	0.00
54) 4-Nitrophenol-d4	14.957	143	90629	17.057	ng/ul	0.02
60) Fluorene-d10	15.722	176	656520	26.240	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	62525	11.413	ng/ul	0.00
73) Anthracene-d10	17.586	188	973668	24.746	ng/ul	0.00
81) Pyrene-d10	19.810	212	1227147	31.226	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.951	264	1003853	26.593	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.528	178	275828	5.943	ng/ul	100
74) Anthracene	17.622	178	64317	1.366	ng/ul	97
80) Fluoranthene	19.486	202	762266	15.923	ng/ul	99
82) Pyrene	19.839	202	665175	13.431	ng/ul	97
85) Benzo(a)anthracene	21.551	228	382273	7.447	ng/ul	98
87) Chrysene	21.604	228	395830	8.158	ng/ul	97
90) Benzo(b)fluoranthene	23.333	252	653144	13.449	ng/ul#	96
91) Benzo(k)fluoranthene	23.380	252	192797m	4.107	ng/ul	
93) Benzo(a)pyrene	24.004	252	421843	9.963	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	26.815	276	363493	6.634	ng/ul	97
95) Dibenzo(a,h)anthracene	26.821	278	93351	2.091	ng/ul#	77
96) Benzo(g,h,i)perylene	27.656	276	338953	7.506	ng/ul	98

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

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