Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP016007.D
Acq On : 05 Jul 2023 09:45
Operator : MA/JU
Sample : 03246-04
Misc :
ALS Vial : 54 Sample Multiplier: 1

Quant Time: Jul 05 11:44:25 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 :
DCGJ1

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	282485	20.000	ng/ul	0.00
20) Naphthalene-d8	10.869	136	1201337	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.693	164	662693	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.457	188	1149620	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.545	240	950476	20.000	ng/ul	0.00
88) Perylene-d12	24.086	264	1104715	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	20283	2.583	ng/uL	0.00
4) Pyridine-d5	3.823	84	180980	9.144	ng/ul	0.00
7) Phenol-d5	7.246	99	349481	14.459	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.369	67	265604	17.762	ng/ul	0.00
11) 2-Chlorophenol-d4	7.581	132	300561	16.474	ng/ul	0.00
15) 4-Methylphenol-d8	8.805	113	218743	11.456	ng/ul	0.02
21) Nitrobenzene-d5	9.246	128	140663	15.321	ng/ul	0.01
24) 2-Nitrophenol-d4	9.975	143	156682	14.622	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.552	165	250214	13.104	ng/ul	0.04
31) 4-Chloroaniline-d4	11.069	131	132557	5.404	ng/ul	0.04
46) Dimethylphthalate-d6	14.104	166	882574	17.231	ng/ul	0.00
49) Acenaphthylene-d8	14.387	160	963786	16.738	ng/ul	0.00
54) 4-Nitrophenol-d4	15.040	143	65574m	9.701	ng/ul	0.09
60) Fluorene-d10	15.693	176	677159	16.056	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.887	200	34978	4.947	ng/ul	0.03
73) Anthracene-d10	17.563	188	828787	15.783	ng/ul	0.00
81) Pyrene-d10	19.786	212	979702	15.785	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.922	264	975940	17.513	ng/ul	0.00
Target Compounds						Qvalue
50) Acenaphthylene	14.422	152	89032	1.403	ng/ul	97
72) Phenanthrene	17.498	178	374419	5.995	ng/ul	99
74) Anthracene	17.598	178	93823	1.495	ng/ul	96
80) Fluoranthene	19.457	202	749879	9.722	ng/ul#	93
82) Pyrene	19.816	202	621136	7.894	ng/ul#	91
85) Benzo(a)anthracene	21.528	228	412116	6.164	ng/ul	97
87) Chrysene	21.586	228	455502	7.181	ng/ul	96
90) Benzo(b)fluoranthene	23.304	252	723191	10.188	ng/ul#	94
91) Benzo(k)fluoranthene	23.351	252	229710m	3.203	ng/ul	
93) Benzo(a)pyrene	23.974	252	427118	6.886	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	26.786	276	351589	4.176	ng/ul#	96
95) Dibenzo(a,h)anthracene	26.792	278	100985	1.460	ng/ul#	77
96) Benzo(g,h,i)perylene	27.633	276	302027	4.360	ng/ul#	93

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

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