Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
Data File : BP015671.D
Acq On : 23 Jun 2023 14:56
Operator : MA/JU
Sample : 03084-20
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 23 23:01:06 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 :
DCFQ7

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	8.081	152	117853	20.000	ng/ul	0.00
20) Naphthalene-d8	10.910	136	466401	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.728	164	252573	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.492	188	461499	20.000	ng/ul	0.00
79) Chrysene-d12	21.586	240	447405	20.000	ng/ul	0.00
88) Perylene-d12	24.145	264	561979	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	8552	2.687	ng/uL	0.00
4) Pyridine-d5	3.852	84	65095	7.874	ng/ul	0.01
7) Phenol-d5	7.246	99	135651	12.494	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.405	67	93514	14.422	ng/ul	0.00
11) 2-Chlorophenol-d4	7.610	132	118664	15.074	ng/ul	0.00
15) 4-Methylphenol-d8	8.810	113	72445	8.130	ng/ul	0.00
21) Nitrobenzene-d5	9.263	128	55535	15.166	ng/ul	0.00
24) 2-Nitrophenol-d4	9.993	143	65431	15.647	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.551	165	97725	12.811	ng/ul	0.02
31) 4-Chloroaniline-d4	11.081	131	57555	5.257	ng/ul	0.03
46) Dimethylphthalate-d6	14.134	166	326245	16.380	ng/ul	0.00
49) Acenaphthylene-d8	14.428	160	364656	16.744	ng/ul	0.00
54) 4-Nitrophenol-d4	14.986	143	25087m	7.034	ng/ul	0.04
60) Fluorene-d10	15.728	176	251675	14.985	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	25935	8.871	ng/ul	0.01
73) Anthracene-d10	17.592	188	343352	16.352	ng/ul	0.00
81) Pyrene-d10	19.822	212	416315	17.386	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.974	264	472619	16.761	ng/ul	0.00
Target Compounds						Qvalue
50) Acenaphthylene	14.457	152	36082	1.496	ng/ul	95
72) Phenanthrene	17.533	178	88221	3.562	ng/ul	98
74) Anthracene	17.633	178	30591	1.217	ng/ul	98
80) Fluoranthene	19.498	202	284430	9.751	ng/ul	98
82) Pyrene	19.851	202	255108	8.454	ng/ul	97
85) Benzo(a)anthracene	21.569	228	170917	5.465	ng/ul	97
87) Chrysene	21.621	228	180526m	6.106	ng/ul	
90) Benzo(b)fluoranthene	23.357	252	313092	8.631	ng/ul#	97
91) Benzo(k)fluoranthene	23.404	252	94101m	2.684	ng/ul	
93) Benzo(a)pyrene	24.027	252	186212	5.888	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	26.851	276	161191	3.938	ng/ul	96
95) Dibenzo(a,h)anthracene	26.856	278	45247m	1.357	ng/ul	
96) Benzo(g,h,i)perylene	27.698	276	144729	4.291	ng/ul	99

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

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