Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112023\
Data File : BM042931.D
Acq On : 20 Nov 2023 16:53
Operator : MA/JU
Sample : 05174-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AN1

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/21/2023
Supervised By :mohammad ahmed 11/21/2023

Quant Time: Nov 20 23:30:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 18 22:06:09 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	36872	20.000	ng/ul	0.00
20) Naphthalene-d8	10.616	136	140894	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.463	164	89036	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.215	188	200982	20.000	ng/ul	-0.01
79) Chrysene-d12	21.403	240	242397	20.000	ng/ul	# 0.00
88) Perylene-d12	23.768	264	306716	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	3885	3.306	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.981	99	39054	10.883	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.157	67	28983	11.494	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	29638	10.704	ng/ul	0.00
15) 4-Methylphenol-d8	8.534	113	19429	6.876	ng/ul	0.00
21) Nitrobenzene-d5	9.010	128	12574	10.179	ng/ul	0.00
24) 2-Nitrophenol-d4	9.722	143	14981	10.367	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.251	165	28470	10.596	ng/ul	0.00
31) 4-Chloroaniline-d4	10.827	131	5281m	1.548	ng/ul	0.03
46) Dimethylphthalate-d6	13.886	166	105083	12.470	ng/ul	0.00
49) Acenaphthylene-d8	14.163	160	110002	12.201	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	8087m	8.494	ng/ul	0.02
60) Fluorene-d10	15.457	176	88667	12.707	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.615	200	5774	3.793	ng/ul	0.00
73) Anthracene-d10	17.315	188	142331	12.636	ng/ul	-0.01
81) Pyrene-d10	19.615	212	188602	11.882	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.615	264	232390	12.667	ng/ul	0.00
Target Compounds						Qvalue
16) Acetophenone	8.663	105	16845m	3.545	ng/ul	
50) Acenaphthylene	14.198	152	39932	3.953	ng/ul	97
72) Phenanthrene	17.262	178	24898	1.983	ng/ul	97
74) Anthracene	17.356	178	38050	3.013	ng/ul	99
80) Fluoranthene	19.280	202	108531	5.997	ng/ul	100
82) Pyrene	19.645	202	122920	6.405	ng/ul	99
85) Benzo(a)anthracene	21.392	228	107769	5.664	ng/ul	93
87) Chrysene	21.444	228	123340m	6.684	ng/ul	
90) Benzo(b)fluoranthene	23.038	252	270914	12.943	ng/ul#	93
91) Benzo(k)fluoranthene	23.080	252	83822m	3.762	ng/ul	
93) Benzo(a)pyrene	23.662	252	145548	7.136	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	26.232	276	134360	5.300	ng/ul	97
96) Benzo(g,h,i)perylene	27.003	276	115612	5.744	ng/ul#	90

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

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