Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
Data File : BM043335.D
Acq On : 14 Dec 2023 12:02
Operator : MA/JU
Sample : 05690-06DL 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Dec 14 23:14:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 13 22:33:14 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DCLH5DL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	382078	20.000	ng/ul	0.00
20) Naphthalene-d8	10.804	136	1821370	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.621	164	1068794	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.362	188	2037770	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.533	240	1452650	20.000	ng/ul	# 0.00
88) Perylene-d12	23.950	264	1350204	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	7098	0.729	ng/uL	0.00
4) Pyridine-d5	3.834	84	41374	1.432	ng/ul	0.02
7) Phenol-d5	7.157	99	143792	3.791	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	92663	3.946	ng/ul	0.00
11) 2-Chlorophenol-d4	7.522	132	108766	3.761	ng/ul	0.00
15) 4-Methylphenol-d8	8.704	113	105946	3.530	ng/ul	0.00
21) Nitrobenzene-d5	9.169	128	51420	3.312	ng/ul	0.00
24) 2-Nitrophenol-d4	9.886	143	49516	3.308	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.422	165	105219	3.153	ng/ul	0.00
31) 4-Chloroaniline-d4	10.951	131	59661	1.243	ng/ul	0.00
46) Dimethylphthalate-d6	14.039	166	346795	3.702	ng/ul	0.00
49) Acenaphthylene-d8	14.316	160	389800	3.596	ng/ul	0.00
54) 4-Nitrophenol-d4	14.816	143	38265	2.279	ng/ul	0.00
60) Fluorene-d10	15.610	176	307092	3.760	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.733	200	11315	1.009	ng/ul	0.00
73) Anthracene-d10	17.462	188	439273	3.985	ng/ul	0.00
81) Pyrene-d10	19.745	212	463476	4.986	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.791	264	324129	4.114	ng/ul	0.00
Target Compounds						Qvalue
52) Acenaphthene	14.686	153	186171	2.304	ng/ul	98
61) Fluorene	15.668	166	174355	1.825	ng/ul	98
72) Phenanthrene	17.404	178	1082166	8.516	ng/ul	99
74) Anthracene	17.498	178	279321	2.182	ng/ul	99
80) Fluoranthene	19.415	202	1868004	17.520	ng/ul#	93
82) Pyrene	19.774	202	1595896	14.389	ng/ul#	91
85) Benzo(a)anthracene	21.515	228	575006	5.163	ng/ul	98
87) Chrysene	21.568	228	597655	6.008	ng/ul	98
90) Benzo(b)fluoranthene	23.215	252	698211	7.248	ng/ul#	96
91) Benzo(k)fluoranthene	23.262	252	246093m	2.565	ng/ul	
93) Benzo(a)pyrene	23.844	252	362465	4.071	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	26.468	276	230585	2.273	ng/ul	96
96) Benzo(g,h,i)perylene	27.232	276	159525	2.088	ng/ul#	93

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

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