Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121523\
Data File : BM043375.D
Acq On : 16 Dec 2023 01:38
Operator : MA/JU
Sample : 05626-18
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 16 03:06:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 15 22:09:25 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DCLG4

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.993	152	577819	20.000	ng/ul	0.00
20) Naphthalene-d8	10.804	136	2558637	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.627	164	1405948	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.368	188	2328553	20.000	ng/ul	0.00
79) Chrysene-d12	21.539	240	1404672	20.000	ng/ul	0.00
88) Perylene-d12	23.962	264	1596340	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	65116	3.663	ng/uL	0.00
4) Pyridine-d5	3.810	84	420095	8.210	ng/ul	0.00
7) Phenol-d5	7.151	99	1356044	20.630	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	865916	20.801	ng/ul	0.00
11) 2-Chlorophenol-d4	7.522	132	1053995	21.001	ng/ul	0.00
15) 4-Methylphenol-d8	8.704	113	1057702	20.736	ng/ul	0.00
21) Nitrobenzene-d5	9.169	128	534687	21.599	ng/ul	0.00
24) 2-Nitrophenol-d4	9.887	143	563232	22.020	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.422	165	989443	21.913	ng/ul	0.00
31) 4-Chloroaniline-d4	10.945	131	1090757	16.420	ng/ul	0.00
46) Dimethylphthalate-d6	14.045	166	2830613	22.365	ng/ul	0.00
49) Acenaphthylene-d8	14.322	160	3365163	22.414	ng/ul	0.00
54) 4-Nitrophenol-d4	14.822	143	408773	17.064	ng/ul	0.00
60) Fluorene-d10	15.616	176	2347547	22.431	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.733	200	259123	16.826	ng/ul	0.00
73) Anthracene-d10	17.463	188	3008134	23.035	ng/ul	0.00
81) Pyrene-d10	19.751	212	2652457	23.918	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.803	264	2301006	23.358	ng/ul	0.00
Target Compounds						Qvalue
52) Acenaphthene	14.686	153	493733	4.345	ng/ul	98
61) Fluorene	15.669	166	345719	2.758	ng/ul	99
72) Phenanthrene	17.410	178	1119762	7.095	ng/ul	100
74) Anthracene	17.498	178	913191	5.733	ng/ul	100
80) Fluoranthene	19.415	202	1618101	11.782	ng/ul	99
82) Pyrene	19.780	202	1461915	10.355	ng/ul	98
85) Benzo(a)anthracene	21.521	228	477522m	4.065	ng/ul	
87) Chrysene	21.574	228	704058	6.663	ng/ul	98
90) Benzo(b)fluoranthene	23.221	252	1051047	8.592	ng/ul	95
91) Benzo(k)fluoranthene	23.268	252	317231m	2.659	ng/ul	
93) Benzo(a)pyrene	23.856	252	366893	3.287	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	26.480	276	300103	2.252	ng/ul	98

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

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