Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121523\
Data File : BM043377.D
Acq On : 16 Dec 2023 02:51
Operator : MA/JU
Sample : 05626-20
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Dec 16 03:24:27 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 :
DCLG6

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	7.992	152	423392	20.000	ng/ul	0.00
20) Naphthalene-d8	10.804	136	1765261	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.621	164	954169	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.368	188	1826300	20.000	ng/ul	0.00
79) Chrysene-d12	21.539	240	1475103	20.000	ng/ul	0.00
88) Perylene-d12	23.962	264	1742506	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	49330	3.787	ng/uL	0.00
4) Pyridine-d5	3.810	84	309267	8.249	ng/ul	0.00
7) Phenol-d5	7.151	99	975068	20.245	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	619043	20.294	ng/ul	0.00
11) 2-Chlorophenol-d4	7.522	132	765041	20.804	ng/ul	0.00
15) 4-Methylphenol-d8	8.704	113	700659	18.747	ng/ul	0.00
21) Nitrobenzene-d5	9.169	128	367170	21.498	ng/ul	0.00
24) 2-Nitrophenol-d4	9.886	143	384220	21.773	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.422	165	654079	20.996	ng/ul	0.00
31) 4-Chloroaniline-d4	10.945	131	785474	17.139	ng/ul	0.00
46) Dimethylphthalate-d6	14.045	166	1847242	21.506	ng/ul	0.00
49) Acenaphthylene-d8	14.321	160	2256392	22.144	ng/ul	0.00
54) 4-Nitrophenol-d4	14.821	143	306069	18.827	ng/ul	0.00
60) Fluorene-d10	15.615	176	1605309	22.601	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.733	200	176212	14.589	ng/ul	0.00
73) Anthracene-d10	17.468	188	2282076	22.281	ng/ul	0.00
81) Pyrene-d10	19.750	212	2529742	21.722	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.809	264	2463324	22.908	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.851	128	153459	1.364	ng/ul	97
52) Acenaphthene	14.686	153	276418	3.584	ng/ul	100
61) Fluorene	15.668	166	334100	3.927	ng/ul	100
72) Phenanthrene	17.409	178	2007895	16.222	ng/ul	100
74) Anthracene	17.498	178	895347	7.167	ng/ul	99
80) Fluoranthene	19.421	202	3037564	21.062	ng/ul	97
82) Pyrene	19.780	202	2380139	16.054	ng/ul	100
85) Benzo(a)anthracene	21.521	228	645892	5.236	ng/ul	97
87) Chrysene	21.574	228	770092	6.940	ng/ul	99
90) Benzo(b)fluoranthene	23.221	252	1049238	7.858	ng/ul	98
91) Benzo(k)fluoranthene	23.268	252	295095m	2.266	ng/ul	
93) Benzo(a)pyrene	23.850	252	363592	2.984	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.479	276	278674	1.916	ng/ul	98

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

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