Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045851.D
Acq On : 05 Jun 2024 15:36
Operator : MA/JU
Sample : P2586-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 06 01:56:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 31 13:01:11 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4D21

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/06/2024
Supervised By :mohammad ahmed 06/07/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.463	152	271526	20.000	ng/ul	0.00
20) Naphthalene-d8	10.228	136	1063996	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.104	164	575796	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.851	188	1018099	20.000	ng/ul	0.00
79) Chrysene-d12	21.062	240	825949	20.000	ng/ul	0.00
88) Perylene-d12	23.785	264	934458	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.052	96	29321	4.187	ng/uL	0.00
4) Pyridine-d5	3.463	84	377965	20.960	ng/ul	0.00
7) Phenol-d5	6.722	99	613783	26.609	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.828	67	420666	25.397	ng/ul	0.00
11) 2-Chlorophenol-d4	7.028	132	491683	28.536	ng/ul	0.00
15) 4-Methylphenol-d8	8.234	113	454433	26.076	ng/ul	0.00
21) Nitrobenzene-d5	8.628	128	241231	28.998	ng/ul	0.00
24) 2-Nitrophenol-d4	9.339	143	260337	30.921	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.886	165	444286	28.140	ng/ul	0.00
31) 4-Chloroaniline-d4	10.416	131	306065	14.007	ng/ul	0.00
46) Dimethylphthalate-d6	13.557	166	1187431	29.788	ng/ul	0.00
49) Acenaphthylene-d8	13.798	160	1360105	29.383	ng/ul	0.00
54) 4-Nitrophenol-d4	14.410	143	151372	17.596	ng/ul	0.00
60) Fluorene-d10	15.104	176	953046	28.025	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.245	200	96242	18.512	ng/ul	0.00
73) Anthracene-d10	16.951	188	1307684	29.546	ng/ul	0.00
81) Pyrene-d10	19.250	212	1393082	27.121	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.603	264	1279538	29.297	ng/ul	0.00
Target Compounds						Qvalue
37) 1-Methylnaphthalene	12.127	142	38585	1.027	ng/ul#	92
50) Acenaphthylene	13.827	152	60524	1.130	ng/ul	97
72) Phenanthrene	16.892	178	478167	8.914	ng/ul	100
74) Anthracene	16.986	178	103555	1.933	ng/ul	99
77) Carbazole	17.274	167	55495	1.214	ng/ul	97
80) Fluoranthene	18.915	202	959328	15.406	ng/ul	99
82) Pyrene	19.280	202	844915	13.206	ng/ul	99
83) Butylbenzylphthalate	20.209	149	27076	1.038	ng/ul	95
85) Benzo(a)anthracene	21.044	228	423077	7.419	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	20.997	149	470562	12.147	ng/ul	99
87) Chrysene	21.103	228	498574	9.450	ng/ul	96
90) Benzo(b)fluoranthene	22.933	252	624118	10.868	ng/ul	99
91) Benzo(k)fluoranthene	22.986	252	199698m	3.560	ng/ul	
93) Benzo(a)pyrene	23.656	252	396610	7.859	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.785	276	282185	5.121	ng/ul	96
95) Dibenzo(a,h)anthracene	26.821	278	77160	1.770	ng/ul#	86
96) Benzo(g,h,i)perylene	27.721	276	281913	5.808	ng/ul	99

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

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