Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031940.D
Acq On : 12 Jun 2024 14:04
Operator : MA/JU
Sample : P2678-16
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jun 12 23:12:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 22:28:10 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BH685

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/14/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	343160	20.000	ng/ul	0.00
20) Naphthalene-d8	10.440	136	1575765	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.304	164	1052303	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.051	188	2144646	20.000	ng/ul	0.00
79) Chrysene-d12	21.286	240	1445589	20.000	ng/ul	0.00
88) Perylene-d12	24.221	264	1349827	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	28312	3.413	ng/uL	0.00
4) Pyridine-d5	3.587	84	77586	3.323	ng/ul	0.00
7) Phenol-d5	6.834	99	628325	21.358	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	374559	21.767	ng/ul	0.00
11) 2-Chlorophenol-d4	7.193	132	514663	22.928	ng/ul	0.00
15) 4-Methylphenol-d8	8.363	113	475243	19.818	ng/ul	0.00
21) Nitrobenzene-d5	8.816	128	276997	22.990	ng/ul	0.00
24) 2-Nitrophenol-d4	9.534	143	300244	24.124	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	515311	22.178	ng/ul	0.00
31) 4-Chloroaniline-d4	10.587	131	537395	15.578	ng/ul	0.00
46) Dimethylphthalate-d6	13.722	166	1768237	24.120	ng/ul	0.00
49) Acenaphthylene-d8	13.998	160	2009319	23.837	ng/ul	0.00
54) 4-Nitrophenol-d4	14.522	143	281246	19.161	ng/ul	0.00
60) Fluorene-d10	15.298	176	1516918	24.455	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.428	200	215510	19.992	ng/ul	0.00
73) Anthracene-d10	17.151	188	2227769	24.263	ng/ul	0.00
81) Pyrene-d10	19.451	212	2176558	28.137	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.015	264	1142136	17.720	ng/ul	0.00
Target Compounds						Qvalue
52) Acenaphthene	14.363	153	67802	1.076	ng/ul	98
61) Fluorene	15.357	166	70850	1.027	ng/ul	97
72) Phenanthrene	17.098	178	1397798	12.794	ng/ul	99
74) Anthracene	17.186	178	203794	1.841	ng/ul	98
77) Carbazole	17.463	167	122159	1.294	ng/ul	99
80) Fluoranthene	19.116	202	1981944	21.438	ng/ul	99
82) Pyrene	19.480	202	1484723	15.653	ng/ul	97
85) Benzo(a)anthracene	21.274	228	733856	7.584	ng/ul	99
87) Chrysene	21.333	228	745377	8.247	ng/ul	98
90) Benzo(b)fluoranthene	23.292	252	769060	9.532	ng/ul	95
91) Benzo(k)fluoranthene	23.345	252	256765	3.243	ng/ul	97
93) Benzo(a)pyrene	24.080	252	306175	4.052	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	27.503	276	265413	3.048	ng/ul	97
95) Dibenzo(a,h)anthracene	27.550	278	91268m	1.284	ng/ul	

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

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