Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031941.D
Acq On : 12 Jun 2024 14:44
Operator : MA/JU
Sample : P2678-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jun 12 23:15:08 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 :
BH690

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	7.658	152	328246	20.000	ng/ul	0.00
20) Naphthalene-d8	10.440	136	1459666	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.304	164	876151	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.051	188	1561788	20.000	ng/ul	0.00
79) Chrysene-d12	21.292	240	1181945	20.000	ng/ul	0.00
88) Perylene-d12	24.221	264	1385806	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	33645	4.240	ng/uL	0.00
4) Pyridine-d5	3.587	84	305664	13.686	ng/ul	0.00
7) Phenol-d5	6.834	99	756675	26.890	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	428008	26.003	ng/ul	0.00
11) 2-Chlorophenol-d4	7.193	132	603247	28.095	ng/ul	0.00
15) 4-Methylphenol-d8	8.369	113	622922	27.156	ng/ul	0.00
21) Nitrobenzene-d5	8.816	128	317503	28.448	ng/ul	0.00
24) 2-Nitrophenol-d4	9.534	143	348186	30.202	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	601576	27.950	ng/ul	0.00
31) 4-Chloroaniline-d4	10.587	131	812923	25.439	ng/ul	0.00
46) Dimethylphthalate-d6	13.722	166	1904551	31.203	ng/ul	0.00
49) Acenaphthylene-d8	13.993	160	2176542	31.012	ng/ul	0.00
54) 4-Nitrophenol-d4	14.522	143	260365	21.304	ng/ul	0.00
60) Fluorene-d10	15.298	176	1558171	30.171	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.428	200	200900	25.591	ng/ul	0.00
73) Anthracene-d10	17.151	188	2128953	31.840	ng/ul	0.00
81) Pyrene-d10	19.451	212	2182084	34.500	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.015	264	2140126	32.342	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.092	178	235664	2.962	ng/ul	98
80) Fluoranthene	19.116	202	448688	5.936	ng/ul	98
82) Pyrene	19.480	202	401391	5.176	ng/ul	97
85) Benzo(a)anthracene	21.269	228	199323	2.519	ng/ul	99
87) Chrysene	21.333	228	235061	3.181	ng/ul	97
90) Benzo(b)fluoranthene	23.292	252	298254	3.601	ng/ul	97
91) Benzo(k)fluoranthene	23.345	252	114914m	1.414	ng/ul	
93) Benzo(a)pyrene	24.074	252	208095	2.682	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.504	276	159132	1.780	ng/ul	97
96) Benzo(g,h,i)perylene	28.521	276	153391m	2.158	ng/ul	

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

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