Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031959.D
Acq On : 13 Jun 2024 02:31
Operator : MA/JU
Sample : P2678-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jun 13 03:54:38 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 :
BH674

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	434261	20.000	ng/ul	0.00
20) Naphthalene-d8	10.440	136	1809458	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.304	164	1055988	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.057	188	1697942	20.000	ng/ul	0.00
79) Chrysene-d12	21.292	240	1164906	20.000	ng/ul	0.00
88) Perylene-d12	24.221	264	1379470	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	40752	3.882	ng/uL	0.00
4) Pyridine-d5	3.593	84	108407	3.669	ng/ul	0.01
7) Phenol-d5	6.840	99	849341	22.814	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	511143	23.473	ng/ul	0.00
11) 2-Chlorophenol-d4	7.199	132	723847	25.482	ng/ul	0.00
15) 4-Methylphenol-d8	8.369	113	645307	21.264	ng/ul	0.00
21) Nitrobenzene-d5	8.816	128	366268	26.474	ng/ul	0.00
24) 2-Nitrophenol-d4	9.534	143	402382	28.155	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	666512	24.981	ng/ul	0.00
31) 4-Chloroaniline-d4	10.587	131	662535	16.725	ng/ul	0.00
46) Dimethylphthalate-d6	13.722	166	1929484	26.228	ng/ul	0.00
49) Acenaphthylene-d8	13.998	160	2164377	25.587	ng/ul	0.00
54) 4-Nitrophenol-d4	14.528	143	221215	15.018	ng/ul	0.00
60) Fluorene-d10	15.304	176	1516888	24.369	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	114862	13.458	ng/ul	0.00
73) Anthracene-d10	17.151	188	1896056	26.083	ng/ul	0.00
81) Pyrene-d10	19.457	212	1618686	25.967	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.021	264	1275119	19.358	ng/ul	0.00
Target Compounds						Qvalue
50) Acenaphthylene	14.028	152	129147	1.351	ng/ul	99
72) Phenanthrene	17.098	178	764568	8.839	ng/ul	99
74) Anthracene	17.186	178	160947	1.836	ng/ul	98
80) Fluoranthene	19.116	202	1473469	19.779	ng/ul	99
82) Pyrene	19.480	202	1120130	14.655	ng/ul	98
85) Benzo(a)anthracene	21.274	228	728514	9.343	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.198	149	68249	1.297	ng/ul#	99
87) Chrysene	21.333	228	729900	10.022	ng/ul	96
90) Benzo(b)fluoranthene	23.298	252	993224	12.046	ng/ul	97
91) Benzo(k)fluoranthene	23.357	252	407103m	5.032	ng/ul	
93) Benzo(a)pyrene	24.086	252	444180	5.752	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.515	276	409831m	4.605	ng/ul	
95) Dibenzo(a,h)anthracene	27.568	278	141653	1.950	ng/ul#	88

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

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