Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031963.D
Acq On : 13 Jun 2024 05:48
Operator : MA/JU
Sample : P2678-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jun 13 06:17:53 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 :
BH684

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	420938	20.000	ng/ul	0.00
20) Naphthalene-d8	10.440	136	1724499	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.304	164	984210	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.051	188	1629653	20.000	ng/ul	0.00
79) Chrysene-d12	21.286	240	1117772	20.000	ng/ul	0.00
88) Perylene-d12	24.221	264	1332113	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	16240	1.596	ng/uL	0.00
4) Pyridine-d5	3.599	84	37449	1.307	ng/ul	0.02
7) Phenol-d5	6.840	99	420569	11.655	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	250544	11.870	ng/ul	0.00
11) 2-Chlorophenol-d4	7.193	132	336171	12.209	ng/ul	0.00
15) 4-Methylphenol-d8	8.369	113	336308	11.433	ng/ul	0.00
21) Nitrobenzene-d5	8.816	128	188410	14.289	ng/ul	0.00
24) 2-Nitrophenol-d4	9.534	143	206016	15.125	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	359854	14.152	ng/ul	0.00
31) 4-Chloroaniline-d4	10.587	131	370567	9.815	ng/ul	0.00
46) Dimethylphthalate-d6	13.722	166	1367862	19.950	ng/ul	0.00
49) Acenaphthylene-d8	13.998	160	1400827	17.768	ng/ul	0.00
54) 4-Nitrophenol-d4	14.528	143	172828	12.589	ng/ul	0.00
60) Fluorene-d10	15.298	176	1080464	18.624	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	97501	11.903	ng/ul	0.00
73) Anthracene-d10	17.151	188	1495133	21.430	ng/ul	0.00
81) Pyrene-d10	19.451	212	1518382	25.385	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.016	264	1371922	21.568	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.092	178	509867	6.142	ng/ul	99
74) Anthracene	17.186	178	102762	1.222	ng/ul	100
80) Fluoranthene	19.116	202	1140481	15.954	ng/ul	100
82) Pyrene	19.480	202	914537	12.469	ng/ul	100
85) Benzo(a)anthracene	21.269	228	641378	8.573	ng/ul	97
87) Chrysene	21.327	228	680806	9.742	ng/ul	98
90) Benzo(b)fluoranthene	23.292	252	866663	10.885	ng/ul	97
91) Benzo(k)fluoranthene	23.351	252	293237m	3.753	ng/ul	
93) Benzo(a)pyrene	24.080	252	386230	5.179	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.515	276	344540m	4.009	ng/ul	
95) Dibenzo(a,h)anthracene	27.545	278	120124m	1.712	ng/ul	

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

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