Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
Data File : BN031631.D
Acq On : 23 May 2024 14:12
Operator : MA/JU
Sample : P2547-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 23 23:08:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 23:42:49 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BH5P3

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/25/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	455257	20.000	ng/ul	0.00
20) Naphthalene-d8	10.475	136	1979448	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.328	164	1232989	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.069	188	2329968	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240	1392204	20.000	ng/ul	0.00
88) Perylene-d12	24.233	264	1283595	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	40437	3.521	ng/uL	0.00
4) Pyridine-d5	3.599	84	537623	16.773	ng/ul	0.00
7) Phenol-d5	6.852	99	767388	20.477	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	475855	21.171	ng/ul	0.00
11) 2-Chlorophenol-d4	7.222	132	578375	20.029	ng/ul	0.00
15) 4-Methylphenol-d8	8.387	113	608837	20.986	ng/ul	0.00
21) Nitrobenzene-d5	8.846	128	284678	19.003	ng/ul	0.00
24) 2-Nitrophenol-d4	9.558	143	257932	18.030	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	540212	19.313	ng/ul	0.00
31) 4-Chloroaniline-d4	10.610	131	828333	20.544	ng/ul	0.00
46) Dimethylphthalate-d6	13.740	166	1753146	22.562	ng/ul	0.00
49) Acenaphthylene-d8	14.022	160	2039577	20.942	ng/ul	0.00
54) 4-Nitrophenol-d4	14.522	143	240312	16.345	ng/ul	0.00
60) Fluorene-d10	15.322	176	1501956	22.304	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	126144	12.522	ng/ul	0.00
73) Anthracene-d10	17.169	188	2180595	22.108	ng/ul	0.00
81) Pyrene-d10	19.463	212	2203738	25.236	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.039	264	1428812	23.648	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.110	178	264185	2.234	ng/ul	99
80) Fluoranthene	19.128	202	524976	4.864	ng/ul	97
82) Pyrene	19.492	202	484409	4.376	ng/ul	97
85) Benzo(a)anthracene	21.281	228	233041	2.489	ng/ul	98
87) Chrysene	21.345	228	205312	2.374	ng/ul	97
90) Benzo(b)fluoranthene	23.304	252	254694m	3.400	ng/ul	
91) Benzo(k)fluoranthene	23.363	252	105618	1.383	ng/ul	96
93) Benzo(a)pyrene	24.098	252	215421	2.994	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.527	276	154704	1.791	ng/ul	98
96) Benzo(g,h,i)perylene	28.545	276	159165	2.231	ng/ul	99

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

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