Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100724\
Data File : BN034452.D
Acq On : 08 Oct 2024 00:09
Operator : RC/JU
Sample : P4131-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Oct 08 01:11:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 30 14:14:38 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4EZ0

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/08/2024
Supervised By :mohammad ahmed 10/09/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.375	152	266653	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.134	136	1013953	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.033	164	596080	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.786	188	1112588	20.000	ng/ul	-0.01
79) Chrysene-d12	21.021	240	1027560	20.000	ng/ul	-0.01
88) Perylene-d12	23.733	264	1283431	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.999	96	9935	1.520	ng/uL	0.00
4) Pyridine-d5	3.404	84	10301m	0.530	ng/ul	0.02
7) Phenol-d5	6.581	99	158385	6.693	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.734	67	98637	6.718	ng/ul	0.00
11) 2-Chlorophenol-d4	6.916	132	147617	7.924	ng/ul	-0.01
15) 4-Methylphenol-d8	8.098	113	106362	5.462	ng/ul	0.00
21) Nitrobenzene-d5	8.522	128	66347	8.209	ng/ul	0.00
24) 2-Nitrophenol-d4	9.234	143	71693	8.627	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.769	165	126852	8.105	ng/ul	0.00
31) 4-Chloroaniline-d4	10.286	131	51019m	2.153	ng/ul	0.00
46) Dimethylphthalate-d6	13.457	166	375869	8.438	ng/ul	-0.01
49) Acenaphthylene-d8	13.716	160	421536	8.411	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.274	143	29035m	3.176	ng/ul	0.00
60) Fluorene-d10	15.033	176	322550	8.544	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.169	200	23963	3.612	ng/ul	0.00
73) Anthracene-d10	16.886	188	452608	8.653	ng/ul	-0.01
81) Pyrene-d10	19.198	212	410477	7.170	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.550	264	315618	4.787	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	16.827	178	241282	3.933	ng/ul	99
80) Fluoranthene	18.862	202	700007	10.458	ng/ul	98
82) Pyrene	19.227	202	427105	5.936	ng/ul	97
85) Benzo(a)anthracene	21.009	228	302765m	4.133	ng/ul	
86) Bis(2-ethylhexyl)phtha...	20.968	149	125366m	2.654	ng/ul	
87) Chrysene	21.062	228	398210	5.696	ng/ul	96
90) Benzo(b)fluoranthene	22.886	252	651464	8.325	ng/ul	100
91) Benzo(k)fluoranthene	22.939	252	191334	2.479	ng/ul	96
93) Benzo(a)pyrene	23.603	252	161250	2.181	ng/ul#	92
94) Indeno(1,2,3-cd)pyrene	26.721	276	197356	2.155	ng/ul#	90
95) Dibenzo(a,h)anthracene	26.768	278	79833m	1.078	ng/ul	

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

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