Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101822\
Data File : BN022176.D
Acq On : 18 Oct 2022 14:20
Operator : CG/JU
Sample : N5049-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 19 00:56:47 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 13 03:08:08 2022
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0BP7

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/19/2022
Supervised By :mohammad ahmed 10/19/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	182015	20.000	ng/ul	0.00
20) Naphthalene-d8	10.781	136	848001	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.628	164	523212	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.380	188	1048590	20.000	ng/ul	-0.01
79) Chrysene-d12	21.586	240	868228	20.000	ng/ul	0.00
88) Perylene-d12	24.051	264	730404	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	15551	3.238	ng/uL	0.00
4) Pyridine-d5	3.710	84	26688	1.787	ng/ul	0.02
7) Phenol-d5	7.104	99	274424	15.422	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.275	67	210196	18.851	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.475	132	238425	19.325	ng/ul	0.00
15) 4-Methylphenol-d8	8.669	113	182649	12.918	ng/ul	-0.01
21) Nitrobenzene-d5	9.134	128	132120	21.248	ng/ul	0.00
24) 2-Nitrophenol-d4	9.857	143	140822	22.096	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.398	165	237120	19.821	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.922	131	228782	11.697	ng/ul	-0.01
46) Dimethylphthalate-d6	14.039	166	808536	22.169	ng/ul	0.00
49) Acenaphthylene-d8	14.322	160	898196	22.053	ng/ul	0.00
54) 4-Nitrophenol-d4	14.828	143	51341	6.595	ng/ul	0.00
60) Fluorene-d10	15.622	176	698439	22.704	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	67662	11.311	ng/ul	0.00
73) Anthracene-d10	17.480	188	1067586	23.428	ng/ul	0.00
81) Pyrene-d10	19.786	212	1127395	26.081	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.892	264	806640	22.519	ng/ul	0.00
Target Compounds						Qvalue
8) Phenol	7.134	94	20415	1.081	ng/ul	97
16) Acetophenone	8.793	105	27422	1.214	ng/ul	96
30) Naphthalene	10.834	128	46735	1.029	ng/ul	99
36) 2-Methylnaphthalene	12.445	142	35229	1.123	ng/ul	96
50) Acenaphthylene	14.351	152	139571	3.001	ng/ul	99
61) Fluorene	15.675	166	51239	1.416	ng/ul	90
72) Phenanthrene	17.427	178	793172	14.022	ng/ul	97
74) Anthracene	17.516	178	244570	4.353	ng/ul	97
77) Carbazole	17.792	167	69784	1.343	ng/ul	99
80) Fluoranthene	19.451	202	1950817	35.952	ng/ul	95
82) Pyrene	19.816	202	1609506	28.352	ng/ul	98
85) Benzo(a)anthracene	21.568	228	1029453	18.556	ng/ul#	91
87) Chrysene	21.621	228	796285	14.936	ng/ul	96
90) Benzo(b)fluoranthene	23.304	252	1181298	25.643	ng/ul	99
91) Benzo(k)fluoranthene	23.339	252	341947m	7.513	ng/ul	
93) Benzo(a)pyrene	23.945	252	643452	15.628	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.633	276	409834	7.964	ng/ul	94
95) Dibenzo(a,h)anthracene	26.639	278	116159m	2.523	ng/ul	
96) Benzo(g,h,i)perylene	27.439	276	280684	6.063	ng/ul	98

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

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