Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031799.D
Acq On : 05 Jun 2024 14:28
Operator : MA/JU
Sample : P2591-11DL2 30X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 06 00:50:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 15:13:07 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BHBQ2DL2

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	258323	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.457	136	1201284	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.316	164	821825	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.069	188	1816212	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240	1786720	20.000	ng/ul	0.00
88) Perylene-d12	24.245	264	2237324	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	847m	0.136	ng/uL	0.00
4) Pyridine-d5	3.623	84	9944m	0.566	ng/ul	0.02
7) Phenol-d5	6.846	99	22504	1.016	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.016	67	12475	0.963	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.211	132	17573	1.040	ng/ul	0.00
15) 4-Methylphenol-d8	8.381	113	17754	0.983	ng/ul	0.00
21) Nitrobenzene-d5	8.828	128	8801	0.958	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.546	143	8866	0.934	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.081	165	17601	0.994	ng/ul	0.00
31) 4-Chloroaniline-d4	10.605	131	14480	0.551	ng/ul	0.00
46) Dimethylphthalate-d6	13.734	166	60286	1.053	ng/ul	-0.01
49) Acenaphthylene-d8	14.010	160	65725	0.998	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.310	176	53627	1.107	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.163	188	88295	1.136	ng/ul	0.00
81) Pyrene-d10	19.463	212	105088	1.099	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.045	264	93438	0.875	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.505	128	184751	2.972	ng/ul	98
36) 2-Methylnaphthalene	12.128	142	66893	1.574	ng/ul	99
37) 1-Methylnaphthalene	12.346	142	58160	1.364	ng/ul	92
50) Acenaphthylene	14.040	152	74930	1.007	ng/ul#	96
52) Acenaphthene	14.381	153	213316	4.333	ng/ul	98
56) Dibenzofuran	14.716	168	324897	4.858	ng/ul	96
61) Fluorene	15.369	166	261946	4.864	ng/ul	96
72) Phenanthrene	17.110	178	6391125	69.078	ng/ul	99
74) Anthracene	17.198	178	1375097	14.668	ng/ul	99
77) Carbazole	17.475	167	934941	11.696	ng/ul	99
80) Fluoranthene	19.133	202	9744079	85.276	ng/ul	99
82) Pyrene	19.498	202	7608394	64.898	ng/ul	98
85) Benzo(a)anthracene	21.286	228	5118141	42.796	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.216	149	82279	1.019	ng/ul	98
87) Chrysene	21.351	228	4835521	43.287	ng/ul	95
90) Benzo(b)fluoranthene	23.327	252	6737563	50.382	ng/ul	99
91) Benzo(k)fluoranthene	23.380	252	2287203	17.430	ng/ul	100
93) Benzo(a)pyrene	24.116	252	3203582	25.577	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.551	276	2334582	16.175	ng/ul	99
95) Dibenzo(a,h)anthracene	27.586	278	746936m	6.339	ng/ul	
96) Benzo(g,h,i)perylene	28.580	276	296082	2.581	ng/ul	96

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