Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031807.D
Acq On : 05 Jun 2024 19:45
Operator : MA/JU
Sample : P2591-06DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH5S9DL

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 06/06/2024
Supervised By :mohammad ahmed 06/07/2024

Quant Time: Jun 06 04:15:29 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	323264	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.457	136	1521342	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.316	164	1011946	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.063	188	2153824	20.000	ng/ul	0.00
79) Chrysene-d12	21.298	240	2115150	20.000	ng/ul	0.00
88) Perylene-d12	24.239	264	2468642	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	2664	0.341	ng/uL	0.00
4) Pyridine-d5	3.605	84	17026	0.774	ng/ul	0.00
7) Phenol-d5	6.846	99	75223	2.714	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.010	67	40008	2.468	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.205	132	57008	2.696	ng/ul	-0.01
15) 4-Methylphenol-d8	8.381	113	58568	2.593	ng/ul	0.00
21) Nitrobenzene-d5	8.828	128	28987	2.492	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.546	143	28915	2.406	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.081	165	57007	2.541	ng/ul	0.00
31) 4-Chloroaniline-d4	10.599	131	45709	1.372	ng/ul	-0.01
46) Dimethylphthalate-d6	13.728	166	191743	2.720	ng/ul	-0.02
49) Acenaphthylene-d8	14.010	160	215293	2.656	ng/ul	0.00
54) 4-Nitrophenol-d4	14.528	143	27435	1.944	ng/ul	0.00
60) Fluorene-d10	15.310	176	173391	2.907	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.163	188	261905	2.840	ng/ul	0.00
81) Pyrene-d10	19.463	212	297645	2.630	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.033	264	231980	1.968	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.504	128	138914	1.764	ng/ul	99
36) 2-Methylnaphthalene	12.122	142	75055	1.395	ng/ul	96
52) Acenaphthene	14.381	153	124050	2.046	ng/ul	98
56) Dibenzofuran	14.716	168	199906	2.427	ng/ul	100
61) Fluorene	15.369	166	147627	2.226	ng/ul	95
72) Phenanthrene	17.110	178	3804442	34.675	ng/ul	99
74) Anthracene	17.198	178	788549	7.093	ng/ul	99
77) Carbazole	17.469	167	511354	5.394	ng/ul	99
80) Fluoranthene	19.127	202	5839252	43.168	ng/ul	99
82) Pyrene	19.492	202	4217661	30.390	ng/ul	99
85) Benzo(a)anthracene	21.286	228	2994311	21.150	ng/ul	100
87) Chrysene	21.345	228	2672151m	20.207	ng/ul	
90) Benzo(b)fluoranthene	23.316	252	3861128	26.167	ng/ul	97
91) Benzo(k)fluoranthene	23.368	252	1167551m	8.064	ng/ul	
93) Benzo(a)pyrene	24.098	252	1508429	10.915	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.533	276	1090300	6.846	ng/ul	99
95) Dibenzo(a,h)anthracene	27.586	278	400655m	3.082	ng/ul	
96) Benzo(g,h,i)perylene	28.574	276	131450m	1.038	ng/ul	

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

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