Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022117.D
Acq On : 14 Oct 2022 09:52
Operator : CG/JU
Sample : N5049-10
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0BM4

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022

Quant Time: Oct 15 00:24:28 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	163945	20.000	ng/ul	0.00
20) Naphthalene-d8	10.781	136	789821	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.628	164	523215	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.386	188	1070458	20.000	ng/ul	0.00
79) Chrysene-d12	21.580	240	1078484	20.000	ng/ul	-0.01
88) Perylene-d12	24.051	264	1057026	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	19399	4.485	ng/uL	0.00
4) Pyridine-d5	3.717	84	16024	1.191	ng/ul	0.02
7) Phenol-d5	7.111	99	356147	22.221	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	250102	24.902	ng/ul	0.00
11) 2-Chlorophenol-d4	7.475	132	288895	25.997	ng/ul	0.00
15) 4-Methylphenol-d8	8.669	113	246338	19.343	ng/ul	-0.01
21) Nitrobenzene-d5	9.134	128	156719	27.060	ng/ul	0.00
24) 2-Nitrophenol-d4	9.857	143	170618	28.743	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.399	165	277135	24.872	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.928	131	339466	18.635	ng/ul	0.00
46) Dimethylphthalate-d6	14.040	166	928435	25.456	ng/ul	0.00
49) Acenaphthylene-d8	14.322	160	1072375	26.330	ng/ul	0.00
54) 4-Nitrophenol-d4	14.828	143	143928	18.488	ng/ul	0.00
60) Fluorene-d10	15.622	176	788087	25.618	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.740	200	116202	19.028	ng/ul	-0.01
73) Anthracene-d10	17.481	188	1204595	25.895	ng/ul	0.00
81) Pyrene-d10	19.786	212	1394155	25.964	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.886	264	1339240	25.835	ng/ul	-0.01
Target Compounds						Qvalue
8) Phenol	7.140	94	18537	1.090	ng/ul	95
30) Naphthalene	10.834	128	44040	1.041	ng/ul	98
36) 2-Methylnaphthalene	12.451	142	30984	1.060	ng/ul	99
72) Phenanthrene	17.428	178	227419	3.938	ng/ul	95
80) Fluoranthene	19.445	202	540575	8.020	ng/ul	96
82) Pyrene	19.810	202	448288	6.357	ng/ul	99
85) Benzo(a)anthracene	21.569	228	344844	5.004	ng/ul#	94
87) Chrysene	21.622	228	328813	4.965	ng/ul	99
90) Benzo(b)fluoranthene	23.286	252	357959	5.369	ng/ul	98
91) Benzo(k)fluoranthene	23.333	252	139348m	2.116	ng/ul	
93) Benzo(a)pyrene	23.933	252	185626	3.115	ng/ul#	92
94) Indeno(1,2,3-cd)pyrene	26.621	276	94956	1.275	ng/ul	94

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

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