Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022125.D
Acq On : 14 Oct 2022 15:35
Operator : CG/JU
Sample : N5049-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0BL8

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

Quant Time: Oct 15 00:26:34 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	7.958	152	143891	20.000	ng/ul	0.00
20) Naphthalene-d8	10.787	136	683507	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.634	164	437513	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.386	188	911200	20.000	ng/ul	0.00
79) Chrysene-d12	21.586	240	872593	20.000	ng/ul	0.00
88) Perylene-d12	24.057	264	796994	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	18185	4.790	ng/uL	0.00
4) Pyridine-d5	3.699	84	107612	9.112	ng/ul	0.00
7) Phenol-d5	7.111	99	301495	21.433	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	225000	25.525	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	256645	26.314	ng/ul	0.00
15) 4-Methylphenol-d8	8.675	113	204992	18.340	ng/ul	0.00
21) Nitrobenzene-d5	9.140	128	147226	29.375	ng/ul	0.00
24) 2-Nitrophenol-d4	9.863	143	158291	30.814	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.405	165	246491	25.563	ng/ul	0.00
31) 4-Chloroaniline-d4	10.928	131	318193	20.184	ng/ul	0.00
46) Dimethylphthalate-d6	14.040	166	810911	26.589	ng/ul	0.00
49) Acenaphthylene-d8	14.322	160	992448	29.141	ng/ul	0.00
54) 4-Nitrophenol-d4	14.834	143	93029	14.291	ng/ul	0.00
60) Fluorene-d10	15.622	176	736334	28.625	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	75072	14.442	ng/ul	0.00
73) Anthracene-d10	17.481	188	1129771	28.531	ng/ul	0.00
81) Pyrene-d10	19.786	212	1333209	30.688	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.898	264	1159450	29.664	ng/ul	0.00
Target Compounds						Qvalue
16) Acetophenone	8.799	105	29197m	1.635	ng/ul	
30) Naphthalene	10.840	128	242314	6.618	ng/ul	99
36) 2-Methylnaphthalene	12.451	142	182858	7.232	ng/ul	95
37) 1-Methylnaphthalene	12.675	142	146051	5.768	ng/ul	94
50) Acenaphthylene	14.351	152	88967	2.287	ng/ul#	95
56) Dibenzofuran	15.028	168	70766	1.880	ng/ul	99
72) Phenanthrene	17.428	178	261366	5.317	ng/ul	97
74) Anthracene	17.516	178	69277	1.419	ng/ul	98
80) Fluoranthene	19.451	202	357076	6.548	ng/ul	99
82) Pyrene	19.816	202	430541	7.546	ng/ul	98
85) Benzo(a)anthracene	21.569	228	258078	4.629	ng/ul#	92
87) Chrysene	21.622	228	326048	6.085	ng/ul	100
90) Benzo(b)fluoranthene	23.298	252	480673	9.562	ng/ul	99
91) Benzo(k)fluoranthene	23.345	252	130639m	2.631	ng/ul	
93) Benzo(a)pyrene	23.945	252	245398	5.462	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.639	276	191302	3.407	ng/ul	94
95) Dibenzo(a,h)anthracene	26.651	278	50901	1.013	ng/ul#	73
96) Benzo(g,h,i)perylene	27.445	276	156019	3.088	ng/ul	98

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

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