Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022138.D
Acq On : 15 Oct 2022 00:21
Operator : CG/JU
Sample : N5023-17
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0BC8

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

Quant Time: Oct 15 02:00:34 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	7.952	152	187998	20.000	ng/ul	0.00
20) Naphthalene-d8	10.787	136	838699	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.628	164	492889	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.381	188	1017671	20.000	ng/ul	-0.01
79) Chrysene-d12	21.580	240	847364	20.000	ng/ul	-0.01
88) Perylene-d12	24.051	264	690379	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	17845	3.598	ng/uL	0.00
4) Pyridine-d5	3.705	84	41237	2.673	ng/ul	0.01
7) Phenol-d5	7.111	99	396962	21.599	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	248332	21.563	ng/ul	0.00
11) 2-Chlorophenol-d4	7.475	132	302666	23.752	ng/ul	0.00
15) 4-Methylphenol-d8	8.675	113	316043	21.641	ng/ul	0.00
21) Nitrobenzene-d5	9.134	128	160768	26.142	ng/ul	0.00
24) 2-Nitrophenol-d4	9.863	143	171689	27.238	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.404	165	295796	25.000	ng/ul	0.00
31) 4-Chloroaniline-d4	10.928	131	392021	20.266	ng/ul	0.00
46) Dimethylphthalate-d6	14.040	166	900180	26.200	ng/ul	0.00
49) Acenaphthylene-d8	14.322	160	1051899	27.416	ng/ul	0.00
54) 4-Nitrophenol-d4	14.828	143	152548	20.801	ng/ul	0.00
60) Fluorene-d10	15.622	176	789101	27.229	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	75169	12.947	ng/ul	0.00
73) Anthracene-d10	17.481	188	1156022	26.140	ng/ul	0.00
81) Pyrene-d10	19.780	212	1326357	31.439	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.892	264	923574	27.278	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.428	178	459633	8.373	ng/ul	97
74) Anthracene	17.516	178	96568	1.771	ng/ul	97
80) Fluoranthene	19.445	202	875053	16.524	ng/ul	96
82) Pyrene	19.816	202	670541	12.103	ng/ul	98
85) Benzo(a)anthracene	21.563	228	304571	5.625	ng/ul#	96
86) Bis(2-ethylhexyl)phtha...	21.480	149	38939	1.120	ng/ul#	96
87) Chrysene	21.616	228	299357	5.753	ng/ul	97
90) Benzo(b)fluoranthene	23.292	252	358562	8.235	ng/ul	97
91) Benzo(k)fluoranthene	23.333	252	92749m	2.156	ng/ul	
93) Benzo(a)pyrene	23.933	252	210742	5.415	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.639	276	135094	2.777	ng/ul	94
96) Benzo(g,h,i)perylene	27.433	276	108534	2.480	ng/ul	97

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

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