Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022137.D
Acq On : 14 Oct 2022 23:44
Operator : CG/JU
Sample : N5023-16
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0BC6

Manual Integrations APPROVED

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

Quant Time: Oct 15 02:00:23 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	160288	20.000	ng/ul	0.00
20) Naphthalene-d8	10.787	136	741010	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.628	164	451057	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.386	188	915823	20.000	ng/ul	0.00
79) Chrysene-d12	21.580	240	756115	20.000	ng/ul	-0.01
88) Perylene-d12	24.045	264	610192	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	17406	4.116	ng/uL	0.00
4) Pyridine-d5	3.699	84	69773	5.304	ng/ul	0.00
7) Phenol-d5	7.110	99	379688	24.231	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	232966	23.725	ng/ul	0.00
11) 2-Chlorophenol-d4	7.475	132	288249	26.531	ng/ul	0.00
15) 4-Methylphenol-d8	8.675	113	296898	23.845	ng/ul	0.00
21) Nitrobenzene-d5	9.134	128	149552	27.524	ng/ul	0.00
24) 2-Nitrophenol-d4	9.863	143	162774	29.228	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.398	165	279196	26.708	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.928	131	342180	20.021	ng/ul	0.00
46) Dimethylphthalate-d6	14.039	166	836237	26.596	ng/ul	0.00
49) Acenaphthylene-d8	14.322	160	975841	27.793	ng/ul	0.00
54) 4-Nitrophenol-d4	14.828	143	132019	19.671	ng/ul	0.00
60) Fluorene-d10	15.622	176	732668	27.627	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	56370	10.789	ng/ul	0.00
73) Anthracene-d10	17.480	188	1136753	28.563	ng/ul	0.00
81) Pyrene-d10	19.786	212	1230804	32.695	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.892	264	854719	28.562	ng/ul	0.00
Target Compounds						Qvalue
8) Phenol	7.140	94	19345	1.163	ng/ul	97
72) Phenanthrene	17.427	178	369469	7.479	ng/ul	98
74) Anthracene	17.516	178	53644	1.093	ng/ul	97
77) Carbazole	17.792	167	47667	1.050	ng/ul	98
80) Fluoranthene	19.445	202	1006395	21.297	ng/ul	97
82) Pyrene	19.816	202	843699	17.066	ng/ul	96
85) Benzo(a)anthracene	21.563	228	394463	8.165	ng/ul#	95
87) Chrysene	21.621	228	460446	9.917	ng/ul	95
90) Benzo(b)fluoranthene	23.292	252	505364	13.131	ng/ul	99
91) Benzo(k)fluoranthene	23.333	252	173968m	4.575	ng/ul	
93) Benzo(a)pyrene	23.933	252	341927	9.941	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.639	276	221983	5.163	ng/ul	92
95) Dibenzo(a,h)anthracene	26.651	278	67202m	1.747	ng/ul	
96) Benzo(g,h,i)perylene	27.433	276	214440	5.544	ng/ul	98

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

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