Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022109.D
Acq On : 14 Oct 2022 04:55
Operator : CG/JU
Sample : N5049-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Oct 14 05:25:23 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

Instrument :
BNA_N
ClientSampleId :
C0BG4

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	195214	20.000	ng/ul	0.00
20) Naphthalene-d8	10.786	136	910209	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.627	164	573246	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.380	188	1181694	20.000	ng/ul	-0.01
79) Chrysene-d12	21.580	240	1134707	20.000	ng/ul	-0.01
88) Perylene-d12	24.044	264	1052716	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	23103	4.485	ng/uL	0.00
4) Pyridine-d5	3.722	84	14710m	0.918	ng/ul	0.03
7) Phenol-d5	7.110	99	423022	22.166	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	294506	24.627	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	332281	25.112	ng/ul	0.00
15) 4-Methylphenol-d8	8.669	113	307222	20.259	ng/ul	-0.01
21) Nitrobenzene-d5	9.134	128	173706	26.026	ng/ul	0.00
24) 2-Nitrophenol-d4	9.863	143	183973	26.894	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.404	165	321033	25.001	ng/ul	0.00
31) 4-Chloroaniline-d4	10.928	131	320853	15.283	ng/ul	0.00
46) Dimethylphthalate-d6	14.039	166	1001087	25.052	ng/ul	0.00
49) Acenaphthylene-d8	14.321	160	1165664	26.122	ng/ul	0.00
54) 4-Nitrophenol-d4	14.827	143	119414	14.000	ng/ul	0.00
60) Fluorene-d10	15.621	176	887708	26.338	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	128275	19.028	ng/ul	0.00
73) Anthracene-d10	17.480	188	1310736	25.524	ng/ul	0.00
81) Pyrene-d10	19.780	212	1509071	26.712	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.892	264	1366521	26.469	ng/ul	0.00
Target Compounds						Qvalue
8) Phenol	7.134	94	25309	1.249	ng/ul	97
16) Acetophenone	8.792	105	44437	1.834	ng/ul	99
30) Naphthalene	10.833	128	232138	4.761	ng/ul	98
36) 2-Methylnaphthalene	12.451	142	189799	5.637	ng/ul	90
37) 1-Methylnaphthalene	12.669	142	156486	4.641	ng/ul	89
50) Acenaphthylene	14.351	152	52080	1.022	ng/ul#	90
56) Dibenzofuran	15.027	168	71248	1.445	ng/ul	99
72) Phenanthrene	17.427	178	330513	5.185	ng/ul	97
74) Anthracene	17.515	178	86452	1.365	ng/ul	97
80) Fluoranthene	19.445	202	505991	7.135	ng/ul	94
82) Pyrene	19.809	202	494254	6.662	ng/ul	98
85) Benzo(a)anthracene	21.562	228	317553	4.380	ng/ul#	93
87) Chrysene	21.615	228	404633	5.807	ng/ul	95
90) Benzo(b)fluoranthene	23.292	252	628056	9.459	ng/ul	95
91) Benzo(k)fluoranthene	23.333	252	205729m	3.136	ng/ul	
93) Benzo(a)pyrene	23.939	252	353758	5.961	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.627	276	285894	3.855	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.638	278	81646	1.230	ng/ul#	89
96) Benzo(g,h,i)perylene	27.427	276	256141	3.839	ng/ul	98

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

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