Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060324\
Data File : BN031756.D
Acq On : 03 Jun 2024 12:38
Operator : MA/JU
Sample : P2590-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 03 13:24:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 15:13:07 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BHBK8

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	494303	20.000	ng/ul	0.00
20) Naphthalene-d8	10.463	136	2253775	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.322	164	1391813	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.069	188	2616528	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240	1617533	20.000	ng/ul	0.00
88) Perylene-d12	24.251	264	1683899	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	19818	1.659	ng/uL	0.00
4) Pyridine-d5	3.593	84	482574	14.348	ng/ul	0.00
7) Phenol-d5	6.852	99	706941	16.683	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	326591	13.176	ng/ul	0.00
11) 2-Chlorophenol-d4	7.211	132	485898	15.028	ng/ul	0.00
15) 4-Methylphenol-d8	8.381	113	583619	16.896	ng/ul	0.00
21) Nitrobenzene-d5	8.834	128	257577	14.947	ng/ul	0.00
24) 2-Nitrophenol-d4	9.552	143	304173	17.088	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	582394	17.525	ng/ul	0.00
31) 4-Chloroaniline-d4	10.605	131	663030	13.438	ng/ul	0.00
46) Dimethylphthalate-d6	13.740	166	2008610	20.715	ng/ul	0.00
49) Acenaphthylene-d8	14.016	160	2175077	19.509	ng/ul	0.00
54) 4-Nitrophenol-d4	14.528	143	315865	16.270	ng/ul	0.00
60) Fluorene-d10	15.316	176	1777974	21.672	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	212961	16.192	ng/ul	0.00
73) Anthracene-d10	17.169	188	2538631	22.662	ng/ul	0.00
81) Pyrene-d10	19.469	212	2629478	30.378	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.045	264	2054292	25.549	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.116	178	856418	6.425	ng/ul	99
74) Anthracene	17.204	178	174587	1.293	ng/ul	98
80) Fluoranthene	19.133	202	1760560	17.019	ng/ul	100
82) Pyrene	19.498	202	1584319	14.927	ng/ul	100
85) Benzo(a)anthracene	21.286	228	681624	6.296	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.222	149	88121	1.206	ng/ul#	97
87) Chrysene	21.345	228	732771	7.246	ng/ul	98
90) Benzo(b)fluoranthene	23.316	252	936421	9.304	ng/ul	99
91) Benzo(k)fluoranthene	23.374	252	314632	3.186	ng/ul	97
93) Benzo(a)pyrene	24.110	252	629944	6.682	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.539	276	462179m	4.255	ng/ul	
95) Dibenzo(a,h)anthracene	27.592	278	117760m	1.328	ng/ul	
96) Benzo(g,h,i)perylene	28.574	276	459336m	5.319	ng/ul	

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

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