Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
Data File : BP015690.D
Acq On : 24 Jun 2023 02:13
Operator : MA/JU
Sample : 03084-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jun 24 03:16:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 22 22:01:49 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
DCFM0

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	125425	20.000	ng/ul	0.00
20) Naphthalene-d8	10.910	136	450272	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.727	164	250830	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.492	188	559255	20.000	ng/ul	0.00
79) Chrysene-d12	21.580	240	576180	20.000	ng/ul	0.00
88) Perylene-d12	24.139	264	699279	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	12387	3.657	ng/uL	0.00
4) Pyridine-d5	3.846	84	114417	13.005	ng/ul	0.00
7) Phenol-d5	7.246	99	196721	17.025	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.404	67	131305	19.027	ng/ul	0.00
11) 2-Chlorophenol-d4	7.610	132	169118	20.187	ng/ul	0.00
15) 4-Methylphenol-d8	8.804	113	121132	12.773	ng/ul	0.00
21) Nitrobenzene-d5	9.263	128	76234	21.565	ng/ul	0.00
24) 2-Nitrophenol-d4	9.992	143	87780	21.744	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.545	165	133555	18.136	ng/ul	0.01
31) 4-Chloroaniline-d4	11.075	131	98901	9.356	ng/ul	0.02
46) Dimethylphthalate-d6	14.133	166	433733	21.928	ng/ul	0.00
49) Acenaphthylene-d8	14.422	160	502757	23.246	ng/ul	0.00
54) 4-Nitrophenol-d4	14.980	143	52488m	14.818	ng/ul	0.03
60) Fluorene-d10	15.727	176	374170	22.433	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.874	200	47363	13.368	ng/ul	0.01
73) Anthracene-d10	17.592	188	583746	22.941	ng/ul	0.00
81) Pyrene-d10	19.815	212	773079	25.069	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.974	264	842789	24.020	ng/ul	0.00
Target Compounds						Qvalue
50) Acenaphthylene	14.451	152	25497	1.065	ng/ul	99
72) Phenanthrene	17.533	178	121201	4.038	ng/ul	99
80) Fluoranthene	19.492	202	334472	8.904	ng/ul	99
82) Pyrene	19.845	202	273735	7.044	ng/ul	99
85) Benzo(a)anthracene	21.562	228	179509	4.457	ng/ul	98
87) Chrysene	21.621	228	196143	5.152	ng/ul	95
90) Benzo(b)fluoranthene	23.351	252	315108	6.981	ng/ul#	95
91) Benzo(k)fluoranthene	23.398	252	100480m	2.303	ng/ul	
93) Benzo(a)pyrene	24.027	252	194860	4.951	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.856	276	170100	3.340	ng/ul	96
95) Dibenzo(a,h)anthracene	26.856	278	49597	1.195	ng/ul#	83
96) Benzo(g,h,i)perylene	27.697	276	162365	3.868	ng/ul	98

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

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