Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
Data File : BP015842.D
Acq On : 30 Jun 2023 13:58
Operator : MA/JU
Sample : 03161-22
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 30 23:15:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 30 22:30:25 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
DCFX8

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	236590	20.000	ng/ul	0.00
20) Naphthalene-d8	10.887	136	1029955	20.000	ng/ul	# 0.01
38) Acenaphthene-d10	14.704	164	599543	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	1243456	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.557	240	845223	20.000	ng/ul	# 0.00
88) Perylene-d12	24.098	264	893402	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	18509	2.815	ng/uL	0.00
4) Pyridine-d5	3.828	84	153713	9.273	ng/ul	0.00
7) Phenol-d5	7.240	99	329954	16.300	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.381	67	234895	18.756	ng/ul	0.00
11) 2-Chlorophenol-d4	7.587	132	273259	17.882	ng/ul	0.00
15) 4-Methylphenol-d8	8.798	113	192841	12.059	ng/ul	0.02
21) Nitrobenzene-d5	9.251	128	127170	16.156	ng/ul	0.01
24) 2-Nitrophenol-d4	9.981	143	142517	15.513	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.557	165	236099	14.422	ng/ul	0.04
31) 4-Chloroaniline-d4	11.087	131	130466	6.204	ng/ul	0.05
46) Dimethylphthalate-d6	14.116	166	903304	19.493	ng/ul	0.00
49) Acenaphthylene-d8	14.398	160	1016482	19.513	ng/ul	0.00
54) 4-Nitrophenol-d4	14.998	143	91546m	14.970	ng/ul	0.05
60) Fluorene-d10	15.704	176	767445	20.113	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	81276m	10.628	ng/ul	0.02
73) Anthracene-d10	17.569	188	1027603	18.092	ng/ul	0.00
81) Pyrene-d10	19.792	212	1230383	22.293	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.933	264	909242	20.175	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.510	178	89101	1.319	ng/ul	99
80) Fluoranthene	19.468	202	298976	4.359	ng/ul#	90
82) Pyrene	19.821	202	246629	3.525	ng/ul#	90
85) Benzo(a)anthracene	21.539	228	119760	2.014	ng/ul#	92
87) Chrysene	21.598	228	157929	2.800	ng/ul	95
90) Benzo(b)fluoranthene	23.321	252	237285	4.134	ng/ul#	82
91) Benzo(k)fluoranthene	23.368	252	71547m	1.234	ng/ul	
93) Benzo(a)pyrene	23.986	252	132946	2.650	ng/ul#	92
94) Indeno(1,2,3-cd)pyrene	26.815	276	126767	1.862	ng/ul#	92
96) Benzo(g,h,i)perylene	27.650	276	115103	2.055	ng/ul#	91

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

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