Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
Data File : BP015825.D
Acq On : 29 Jun 2023 23:44
Operator : MA/JU
Sample : 03161-17
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jun 30 01:59:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 29 02:30:23 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
DCFX3

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	274116	20.000	ng/ul	0.00
20) Naphthalene-d8	10.881	136	1181805	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.704	164	708403	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.463	188	1518754	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.551	240	1093624	20.000	ng/ul	# 0.00
88) Perylene-d12	24.098	264	1091476	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	21693	2.847	ng/uL	0.00
4) Pyridine-d5	3.828	84	239278	12.459	ng/ul	0.00
7) Phenol-d5	7.234	99	399768	17.045	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.381	67	288223	19.863	ng/ul	0.00
11) 2-Chlorophenol-d4	7.587	132	339239	19.161	ng/ul	0.00
15) 4-Methylphenol-d8	8.799	113	158517	8.555	ng/ul	0.01
21) Nitrobenzene-d5	9.246	128	164774	18.244	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	181330	17.202	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	293265	15.612	ng/ul	0.02
31) 4-Chloroaniline-d4	11.075	131	112989	4.682	ng/ul	0.04
46) Dimethylphthalate-d6	14.110	166	1056131	19.289	ng/ul	0.00
49) Acenaphthylene-d8	14.398	160	1210755	19.671	ng/ul	0.00
54) 4-Nitrophenol-d4	14.981	143	106076m	14.681	ng/ul	0.03
60) Fluorene-d10	15.698	176	911217	20.211	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	93970	10.061	ng/ul	0.00
73) Anthracene-d10	17.563	188	1359078	19.591	ng/ul	0.00
81) Pyrene-d10	19.792	212	1501560	21.027	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.927	264	1085772	19.720	ng/ul	0.00
Target Compounds						Qvalue
50) Acenaphthylene	14.428	152	250961	3.700	ng/ul	100
72) Phenanthrene	17.504	178	973106	11.794	ng/ul	100
74) Anthracene	17.604	178	274994	3.317	ng/ul	96
80) Fluoranthene	19.469	202	2635503	29.696	ng/ul#	94
82) Pyrene	19.822	202	2149227	23.740	ng/ul#	91
85) Benzo(a)anthracene	21.533	228	1206766	15.686	ng/ul	97
87) Chrysene	21.592	228	1208323	16.555	ng/ul	97
90) Benzo(b)fluoranthene	23.316	252	1661395	23.690	ng/ul#	95
91) Benzo(k)fluoranthene	23.363	252	593102m	8.370	ng/ul	
93) Benzo(a)pyrene	23.986	252	987863	16.120	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.792	276	800536	9.623	ng/ul	96
95) Dibenzo(a,h)anthracene	26.786	278	225667	3.303	ng/ul#	75
96) Benzo(g,h,i)perylene	27.627	276	682745	9.976	ng/ul#	93

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

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