Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
Data File : BP015790.D
Acq On : 28 Jun 2023 21:46
Operator : MA/JU
Sample : 03142-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jun 29 02:55:28 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 :
DCFS3

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.057	152	321126	20.000	ng/ul	0.00
20) Naphthalene-d8	10.887	136	1311795	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.704	164	693323	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	1153626	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.551	240	895405	20.000	ng/ul	# 0.00
88) Perylene-d12	24.098	264	1130592	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	28419	3.184	ng/uL	0.00
4) Pyridine-d5	3.834	84	182077	8.093	ng/ul	0.01
7) Phenol-d5	7.228	99	506640	18.439	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.381	67	360640	21.216	ng/ul	0.00
11) 2-Chlorophenol-d4	7.587	132	417996	20.153	ng/ul	0.00
15) 4-Methylphenol-d8	8.793	113	275118	12.675	ng/ul	0.00
21) Nitrobenzene-d5	9.246	128	197065	19.657	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	216180	18.476	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	333060	15.974	ng/ul	0.02
31) 4-Chloroaniline-d4	11.087	131	53333m	1.991	ng/ul	0.05
46) Dimethylphthalate-d6	14.116	166	1108887	20.693	ng/ul	0.00
49) Acenaphthylene-d8	14.404	160	1243085	20.635	ng/ul	0.00
54) 4-Nitrophenol-d4	14.986	143	93464m	13.216	ng/ul	0.04
60) Fluorene-d10	15.704	176	861901	19.533	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	96592m	13.615	ng/ul	0.00
73) Anthracene-d10	17.569	188	1061018	20.135	ng/ul	0.00
81) Pyrene-d10	19.792	212	1131349	19.350	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.927	264	1204917	21.127	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.940	128	132184	1.854	ng/ul	99
36) 2-Methylnaphthalene	12.557	142	76875	1.638	ng/ul	100
37) 1-Methylnaphthalene	12.763	142	52606	1.098	ng/ul#	98
50) Acenaphthylene	14.434	152	78439	1.182	ng/ul	98
72) Phenanthrene	17.510	178	430603	6.871	ng/ul	100
74) Anthracene	17.604	178	88944	1.412	ng/ul	97
80) Fluoranthene	19.469	202	862613	11.871	ng/ul#	94
82) Pyrene	19.822	202	669009	9.026	ng/ul#	89
85) Benzo(a)anthracene	21.539	228	416661	6.615	ng/ul	97
87) Chrysene	21.592	228	452146	7.566	ng/ul	97
90) Benzo(b)fluoranthene	23.315	252	747141	10.285	ng/ul#	92
91) Benzo(k)fluoranthene	23.363	252	215971m	2.942	ng/ul	
93) Benzo(a)pyrene	23.980	252	449382	7.079	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	26.798	276	408573	4.741	ng/ul#	90
95) Dibenzo(a,h)anthracene	26.798	278	101374	1.432	ng/ul#	73
96) Benzo(g,h,i)perylene	27.639	276	379968	5.360	ng/ul#	94

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

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