Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062723\
Data File : BP015741.D
Acq On : 27 Jun 2023 11:49
Operator : MA/JU
Sample : 03083-12DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 27 22:21:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 27 00:56:58 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
DCFL0DL

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	165174	20.000	ng/ul	0.00
20) Naphthalene-d8	10.893	136	625308	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	322540	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	580352	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	554957	20.000	ng/ul	0.00
88) Perylene-d12	24.110	264	733250	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	6419	1.398	ng/uL	0.00
4) Pyridine-d5	3.846	84	47045	4.065	ng/ul	0.02
7) Phenol-d5	7.240	99	102472	7.251	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.387	67	73307	8.384	ng/ul	0.00
11) 2-Chlorophenol-d4	7.593	132	90117	8.447	ng/ul	0.00
15) 4-Methylphenol-d8	8.799	113	66917	5.994	ng/ul	0.01
21) Nitrobenzene-d5	9.258	128	38978	8.156	ng/ul	0.01
24) 2-Nitrophenol-d4	9.981	143	45805m	8.212	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.563	165	72603m	7.305	ng/ul	0.04
31) 4-Chloroaniline-d4	11.093	131	39053m	3.059	ng/ul	0.05
46) Dimethylphthalate-d6	14.122	166	236735	9.496	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	262423	9.364	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.710	176	185255	9.025	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	16342m	4.579	ng/ul	0.02
73) Anthracene-d10	17.575	188	236692	8.929	ng/ul	0.00
81) Pyrene-d10	19.798	212	286191	7.898	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.939	264	354630	9.588	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.946	128	45437	1.337	ng/ul	97
52) Acenaphthene	14.775	153	81083	3.787	ng/ul	100
61) Fluorene	15.769	166	62297	2.584	ng/ul	95
72) Phenanthrene	17.516	178	1169742	37.102	ng/ul	99
74) Anthracene	17.610	178	250814	7.917	ng/ul	97
80) Fluoranthene	19.475	202	2124988	47.184	ng/ul	100
82) Pyrene	19.828	202	1678601	36.539	ng/ul	98
85) Benzo(a)anthracene	21.545	228	1119108	28.667	ng/ul	98
87) Chrysene	21.598	228	1094546	29.552	ng/ul	97
90) Benzo(b)fluoranthene	23.327	252	1646284	34.942	ng/ul	99
91) Benzo(k)fluoranthene	23.369	252	575230m	12.084	ng/ul	
93) Benzo(a)pyrene	23.998	252	1104532	26.830	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.804	276	870898	15.583	ng/ul	99
95) Dibenzo(a,h)anthracene	26.804	278	247717	5.396	ng/ul#	85
96) Benzo(g,h,i)perylene	27.645	276	779011	16.944	ng/ul	98

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

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