Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051023\
Data File : BP015050.D
Acq On : 10 May 2023 19:24
Operator : CG/JU
Sample : 02591-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 10 23:07:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 10 15:17:56 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
JREA1

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.152	152	284452	20.000	ng/ul	0.00
20) Naphthalene-d8	10.981	136	1215481	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.793	164	726343	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.545	188	1382680	20.000	ng/ul	0.00
79) Chrysene-d12	21.627	240	791396	20.000	ng/ul	0.00
88) Perylene-d12	24.216	264	989429	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.452	96	13663	1.786	ng/uL	0.00
4) Pyridine-d5	3.917	84	13633m	0.652	ng/ul	0.03
7) Phenol-d5	7.299	99	305564	12.390	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.463	67	177179	11.624	ng/ul	0.00
11) 2-Chlorophenol-d4	7.675	132	248360	13.696	ng/ul	0.00
15) 4-Methylphenol-d8	8.858	113	250342	13.173	ng/ul	0.00
21) Nitrobenzene-d5	9.328	128	118729	13.734	ng/ul	0.00
24) 2-Nitrophenol-d4	10.052	143	132183	14.891	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.599	165	248056	14.232	ng/ul	0.00
31) 4-Chloroaniline-d4	11.116	131	142117	5.637	ng/ul	0.00
46) Dimethylphthalate-d6	14.193	166	781049	15.194	ng/ul	0.00
49) Acenaphthylene-d8	14.487	160	874657	14.187	ng/ul	0.00
54) 4-Nitrophenol-d4	14.981	143	91315	10.211	ng/ul	0.00
60) Fluorene-d10	15.781	176	654892	14.807	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.898	200	59162	7.601	ng/ul	0.00
73) Anthracene-d10	17.645	188	905232	14.571	ng/ul	0.00
81) Pyrene-d10	19.863	212	788806	14.778	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.045	264	703923	14.601	ng/ul	0.01
Target Compounds						Qvalue
16) Acetophenone	8.981	105	60799	1.957	ng/ul	97
71) Pentachlorophenol	17.192	266	94973	9.603	ng/ul	97
72) Phenanthrene	17.587	178	722471	9.458	ng/ul	100
74) Anthracene	17.681	178	199493	2.623	ng/ul	99
77) Carbazole	17.939	167	66635	1.042	ng/ul	96
80) Fluoranthene	19.539	202	873617	13.338	ng/ul	97
82) Pyrene	19.892	202	806361	11.621	ng/ul	96
85) Benzo(a)anthracene	21.610	228	373041	7.062	ng/ul	96
87) Chrysene	21.663	228	476652	8.962	ng/ul	96
90) Benzo(b)fluoranthene	23.416	252	592566	9.267	ng/ul#	92
91) Benzo(k)fluoranthene	23.463	252	197949m	3.042	ng/ul	
93) Benzo(a)pyrene	24.098	252	364142	6.493	ng/ul#	92
94) Indeno(1,2,3-cd)pyrene	26.957	276	333333	4.873	ng/ul	98
95) Dibenzo(a,h)anthracene	26.962	278	98968	1.765	ng/ul#	72
96) Benzo(g,h,i)perylene	27.809	276	314063	5.394	ng/ul	97

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

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