Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071124\
Data File : BP020928.D
Acq On : 12 Jul 2024 10:00
Operator : MA/JU
Sample : P3087-16
Misc :
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Jul 12 23:09:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 10 18:38:19 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
A4BR1

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/13/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	236221	20.000	ng/ul	0.00
20) Naphthalene-d8	10.487	136	944702	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.351	164	574074	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.163	188	1200557	20.000	ng/ul	-0.02
79) Chrysene-d12	21.616	240	1265380	20.000	ng/ul	0.00
88) Perylene-d12	24.962	264	1463631	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	17990	3.466	ng/uL	0.00
4) Pyridine-d5	3.670	84	263171	17.512	ng/ul	0.00
7) Phenol-d5	6.916	99	425178	22.078	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.063	67	269427	23.085	ng/ul	0.00
11) 2-Chlorophenol-d4	7.269	132	362441	22.842	ng/ul	0.00
15) 4-Methylphenol-d8	8.428	113	361361	22.592	ng/ul	0.00
21) Nitrobenzene-d5	8.869	128	177006	24.123	ng/ul	0.00
24) 2-Nitrophenol-d4	9.581	143	203449	24.225	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.128	165	347813	22.903	ng/ul	0.00
31) 4-Chloroaniline-d4	10.628	131	453573	22.545	ng/ul	-0.01
46) Dimethylphthalate-d6	13.757	166	1112147	26.650	ng/ul	-0.01
49) Acenaphthylene-d8	14.045	160	1226266	26.169	ng/ul	0.00
54) 4-Nitrophenol-d4	14.604	143	158548	26.702	ng/ul	0.00
60) Fluorene-d10	15.357	176	939041	27.428	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.504	200	133418	18.367	ng/ul	0.00
73) Anthracene-d10	17.263	188	1492595	27.992	ng/ul	-0.01
81) Pyrene-d10	19.645	212	1897871	24.260	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.745	264	2113708	29.281	ng/ul	-0.01
Target Compounds						Qvalue
72) Phenanthrene	17.204	178	82623	1.327	ng/ul	98
80) Fluoranthene	19.298	202	202963	2.148	ng/ul	99
82) Pyrene	19.675	202	180796	1.881	ng/ul	99
85) Benzo(a)anthracene	21.592	228	96232	1.086	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.516	149	90200	1.565	ng/ul	97
87) Chrysene	21.669	228	108371	1.316	ng/ul	95
90) Benzo(b)fluoranthene	23.910	252	155773	1.754	ng/ul#	94
93) Benzo(a)pyrene	24.810	252	101390m	1.208	ng/ul	

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

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