Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
Data File : BP021099.D
Acq On : 23 Jul 2024 15:03
Operator : MA/JU
Sample : P3238-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 24 00:38:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 24 00:21:57 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
A4BF4

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.664	152	150075	20.000	ng/ul	0.00
20) Naphthalene-d8	10.434	136	612816	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.316	164	400352	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.134	188	879377	20.000	ng/ul	0.00
79) Chrysene-d12	21.586	240	886871	20.000	ng/ul	0.01
88) Perylene-d12	24.904	264	1088911	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	9682	2.936	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.875	99	197016	16.102	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.011	67	122004	16.454	ng/ul	0.00
11) 2-Chlorophenol-d4	7.216	132	167999	16.665	ng/ul	0.00
15) 4-Methylphenol-d8	8.393	113	125923	12.392	ng/ul	0.00
21) Nitrobenzene-d5	8.828	128	83265	17.493	ng/ul	0.01
24) 2-Nitrophenol-d4	9.540	143	90612	16.632	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.087	165	161074	16.351	ng/ul	0.00
31) 4-Chloroaniline-d4	10.599	131	109173	8.366	ng/ul	0.02
46) Dimethylphthalate-d6	13.716	166	486376	16.712	ng/ul	0.00
49) Acenaphthylene-d8	14.004	160	573062	17.536	ng/ul	0.00
54) 4-Nitrophenol-d4	14.616	143	44706m	10.796	ng/ul	0.02
60) Fluorene-d10	15.322	176	430304	18.022	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.498	200	51961	9.766	ng/ul	0.02
73) Anthracene-d10	17.234	188	647105	16.568	ng/ul	0.01
81) Pyrene-d10	19.616	212	787430	14.361	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.669	264	649148	12.087	ng/ul	-0.01
Target Compounds						Qvalue
72) Phenanthrene	17.175	178	199864	4.381	ng/ul	98
80) Fluoranthene	19.275	202	688296	10.395	ng/ul	99
82) Pyrene	19.651	202	462289	6.861	ng/ul	99
85) Benzo(a)anthracene	21.563	228	298630	4.807	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.469	149	53513	1.325	ng/ul	97
87) Chrysene	21.639	228	372939	6.460	ng/ul	97
90) Benzo(b)fluoranthene	23.851	252	566696	8.576	ng/ul	97
91) Benzo(k)fluoranthene	23.910	252	188042m	2.851	ng/ul	
93) Benzo(a)pyrene	24.751	252	184792	2.959	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	28.686	276	215663m	2.680	ng/ul	
95) Dibenzo(a,h)anthracene	28.733	278	72814m	1.093	ng/ul	

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

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