Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
Data File : BP021068.D
Acq On : 19 Jul 2024 07:10
Operator : MA/JU
Sample : P3201-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jul 19 07:39:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 18 14:23:21 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
A4CH8

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/19/2024
Supervised By :mohammad ahmed 07/20/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	175169	20.000	ng/ul	0.00
20) Naphthalene-d8	10.452	136	706196	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.298	164	453132	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.128	188	995010	20.000	ng/ul	0.00
79) Chrysene-d12	21.569	240	990911	20.000	ng/ul	-0.01
88) Perylene-d12	24.886	264	1228698	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	12055m	3.132	ng/uL	0.00
4) Pyridine-d5	3.670	84	14110	1.266	ng/ul	0.01
7) Phenol-d5	6.899	99	254797	17.842	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	146591	16.938	ng/ul	0.00
11) 2-Chlorophenol-d4	7.240	132	212403	18.052	ng/ul	0.00
15) 4-Methylphenol-d8	8.416	113	180629	15.229	ng/ul	0.00
21) Nitrobenzene-d5	8.852	128	100123	18.254	ng/ul	0.00
24) 2-Nitrophenol-d4	9.552	143	118228	18.832	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.105	165	199264	17.553	ng/ul	0.00
31) 4-Chloroaniline-d4	10.605	131	201055m	13.369	ng/ul	0.00
46) Dimethylphthalate-d6	13.716	166	635147	19.282	ng/ul	0.00
49) Acenaphthylene-d8	13.993	160	719012	19.439	ng/ul	0.00
54) 4-Nitrophenol-d4	14.604	143	92423m	19.720	ng/ul	0.00
60) Fluorene-d10	15.322	176	560790	20.752	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.487	200	68716	11.414	ng/ul	0.00
73) Anthracene-d10	17.222	188	897857	20.317	ng/ul	0.00
81) Pyrene-d10	19.610	212	1038213	16.947	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.663	264	879938	14.521	ng/ul	-0.02
Target Compounds						Qvalue
72) Phenanthrene	17.169	178	182960	3.545	ng/ul	99
74) Anthracene	17.257	178	58067	1.103	ng/ul	98
80) Fluoranthene	19.257	202	593775	8.026	ng/ul	98
82) Pyrene	19.639	202	445860	5.922	ng/ul	97
85) Benzo(a)anthracene	21.545	228	351397	5.062	ng/ul	96
87) Chrysene	21.616	228	343390m	5.324	ng/ul	
90) Benzo(b)fluoranthene	23.839	252	478005	6.411	ng/ul#	96
91) Benzo(k)fluoranthene	23.904	252	158296m	2.127	ng/ul	
93) Benzo(a)pyrene	24.733	252	195777m	2.779	ng/ul	
94) Indeno(1,2,3-cd)pyrene	28.657	276	174483	1.922	ng/ul	97

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

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