Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
Data File : BP021061.D
Acq On : 19 Jul 2024 02:12
Operator : MA/JU
Sample : P3201-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jul 19 02:48:58 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 :
A4BY8

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 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	138053	20.000	ng/ul	0.00
20) Naphthalene-d8	10.440	136	541187	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.304	164	349902	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.128	188	769879	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	858468	20.000	ng/ul	-0.02
88) Perylene-d12	24.880	264	1084892	20.000	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	11180	3.685	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.899	99	263309	23.395	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	154518	22.654	ng/ul	0.00
11) 2-Chlorophenol-d4	7.240	132	220101	23.735	ng/ul	0.00
15) 4-Methylphenol-d8	8.410	113	199676	21.361	ng/ul	0.00
21) Nitrobenzene-d5	8.846	128	105997	25.217	ng/ul	0.00
24) 2-Nitrophenol-d4	9.546	143	119535	24.846	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.099	165	202841m	23.316	ng/ul	0.00
31) 4-Chloroaniline-d4	10.599	131	183527	15.924	ng/ul	0.00
46) Dimethylphthalate-d6	13.722	166	614620	24.163	ng/ul	0.00
49) Acenaphthylene-d8	13.993	160	704729	24.674	ng/ul	0.00
54) 4-Nitrophenol-d4	14.610	143	87886m	24.285	ng/ul	0.00
60) Fluorene-d10	15.328	176	548583	26.289	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.487	200	77843	16.711	ng/ul	0.00
73) Anthracene-d10	17.222	188	865987	25.326	ng/ul	0.00
81) Pyrene-d10	19.610	212	806976	15.205	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.663	264	607506	11.354	ng/ul	-0.02
Target Compounds						Qvalue
72) Phenanthrene	17.169	178	90622	2.269	ng/ul	98
80) Fluoranthene	19.257	202	267480	4.173	ng/ul	98
82) Pyrene	19.639	202	145388	2.229	ng/ul	99
85) Benzo(a)anthracene	21.545	228	133709	2.223	ng/ul	96
87) Chrysene	21.616	228	153555	2.748	ng/ul	95
90) Benzo(b)fluoranthene	23.839	252	216590	3.290	ng/ul#	93
91) Benzo(k)fluoranthene	23.898	252	93375m	1.421	ng/ul	

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

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