Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
Data File : BP021062.D
Acq On : 19 Jul 2024 02:55
Operator : MA/JU
Sample : P3201-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BY9

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/20/2024

Quant Time: Jul 19 03:38:40 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	160476	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.446	136	657756	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.310	164	429573	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.122	188	966723	20.000	ng/ul	0.00
79) Chrysene-d12	21.569	240	1008200	20.000	ng/ul	-0.01
88) Perylene-d12	24.892	264	1226711	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	10543	2.990	ng/uL	0.00
4) Pyridine-d5	3.664	84	14036m	1.375	ng/ul	0.00
7) Phenol-d5	6.893	99	277294	21.195	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.022	67	155441	19.605	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.234	132	230477	21.381	ng/ul	0.00
15) 4-Methylphenol-d8	8.405	113	223946	20.609	ng/ul	-0.01
21) Nitrobenzene-d5	8.834	128	109247	21.384	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.546	143	125370	21.440	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.099	165	226124	21.386	ng/ul	0.00
31) 4-Chloroaniline-d4	10.604	131	177990	12.707	ng/ul	0.00
46) Dimethylphthalate-d6	13.710	166	681882	21.836	ng/ul	0.00
49) Acenaphthylene-d8	13.998	160	795906	22.698	ng/ul	0.00
54) 4-Nitrophenol-d4	14.598	143	101004m	22.733	ng/ul	0.00
60) Fluorene-d10	15.316	176	619799	24.193	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	88958	15.209	ng/ul	0.00
73) Anthracene-d10	17.222	188	986441	22.974	ng/ul	0.00
81) Pyrene-d10	19.598	212	933056	14.969	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.645	264	657287	10.864	ng/ul	-0.04
Target Compounds						Qvalue
72) Phenanthrene	17.163	178	591679	11.798	ng/ul	100
74) Anthracene	17.257	178	111567	2.182	ng/ul	98
77) Carbazole	17.557	167	52225	1.250	ng/ul	99
80) Fluoranthene	19.257	202	1412620	18.766	ng/ul	98
82) Pyrene	19.633	202	787056	10.275	ng/ul	99
85) Benzo(a)anthracene	21.545	228	650293	9.208	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.451	149	229636	5.000	ng/ul	99
87) Chrysene	21.616	228	726721	11.074	ng/ul	98
90) Benzo(b)fluoranthene	23.833	252	1013123	13.609	ng/ul	97
91) Benzo(k)fluoranthene	23.892	252	339175	4.565	ng/ul	97
93) Benzo(a)pyrene	24.721	252	247883	3.524	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	28.656	276	276351	3.049	ng/ul	97
95) Dibenzo(a,h)anthracene	28.698	278	128726	1.715	ng/ul#	90

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

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