Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
Data File : BP021449.D
Acq On : 08 Aug 2024 14:28
Operator : CG/JU
Sample : P3437-15DL2 50X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E05Y5DL2

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024

Quant Time: Aug 09 00:47:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	140853	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.381	136	608975	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.263	164	415084	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.074	188	933544	20.000	ng/ul	-0.02
79) Chrysene-d12	21.509	240	973308	20.000	ng/ul	-0.02
88) Perylene-d12	24.786	264	1104476	20.000	ng/ul	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	7.381	132	3867m	0.409	ng/ul	0.20
15) 4-Methylphenol-d8	8.622	113	3161m	0.331	ng/ul	0.26
21) Nitrobenzene-d5	8.975	128	2024m	0.428	ng/ul	0.18
24) 2-Nitrophenol-d4	9.669	143	2012m	0.372	ng/ul	0.16
28) 2,4-Dichlorophenol-d3	10.292	165	4086m	0.417	ng/ul	0.24
31) 4-Chloroaniline-d4	10.751	131	4856m	0.374	ng/ul	0.19
46) Dimethylphthalate-d6	13.704	166	13363	0.443	ng/ul	0.02
49) Acenaphthylene-d8	13.963	160	13357	0.394	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.280	176	13517	0.546	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.186	188	26626m	0.642	ng/ul	0.00
81) Pyrene-d10	19.562	212	26649	0.443	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.568	264	29705	0.545	ng/ul	-0.03
Target Compounds						Qvalue
30) Naphthalene	10.439	128	222925	6.959	ng/ul	99
36) 2-Methylnaphthalene	12.080	142	96828	4.404	ng/ul	99
37) 1-Methylnaphthalene	12.292	142	53011m	2.344	ng/ul	
52) Acenaphthene	14.333	153	185603	7.290	ng/ul	99
56) Dibenzofuran	14.686	168	192531	5.522	ng/ul	94
61) Fluorene	15.345	166	215590	7.577	ng/ul	99
72) Phenanthrene	17.121	178	1433226	29.595	ng/ul	99
74) Anthracene	17.233	178	232576m	4.711	ng/ul	
77) Carbazole	17.545	167	53653	1.329	ng/ul	98
80) Fluoranthene	19.215	202	1307056	17.986	ng/ul	100
82) Pyrene	19.592	202	944493	12.773	ng/ul	99
85) Benzo(a)anthracene	21.486	228	445338	6.532	ng/ul	96
87) Chrysene	21.556	228	296503m	4.680	ng/ul	
90) Benzo(b)fluoranthene	23.768	252	410728m	6.128	ng/ul	
91) Benzo(k)fluoranthene	23.821	252	177267m	2.650	ng/ul	
93) Benzo(a)pyrene	24.633	252	332136	5.244	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.544	276	194055	2.378	ng/ul#	92
96) Benzo(g,h,i)perylene	29.738	276	184854m	2.781	ng/ul	

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

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