Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
Data File : BP021409.D
Acq On : 07 Aug 2024 05:24
Operator : CG/JU
Sample : P3329-03DL 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7E02DL

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

Quant Time: Aug 07 06:25:50 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	7.616	152	163798	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.381	136	703382	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.263	164	467166	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.086	188	1060784	20.000	ng/ul	0.00
79) Chrysene-d12	21.533	240	1164571	20.000	ng/ul	0.00
88) Perylene-d12	24.804	264	1384345	20.000	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	1861	0.517	ng/uL	-0.02
4) Pyridine-d5	3.628	84	18916m	1.815	ng/ul	0.04
7) Phenol-d5	6.928	99	18284	1.369	ng/ul	0.08
9) Bis-(2-Chloroethyl)eth...	7.010	67	19959m	2.466	ng/ul	0.03
11) 2-Chlorophenol-d4	7.240	132	26246m	2.385	ng/ul	0.06
15) 4-Methylphenol-d8	8.422	113	26159m	2.359	ng/ul	0.06
21) Nitrobenzene-d5	8.834	128	12901m	2.361	ng/ul	0.04
24) 2-Nitrophenol-d4	9.534	143	14695m	2.350	ng/ul	0.03
28) 2,4-Dichlorophenol-d3	10.152	165	24075m	2.129	ng/ul	0.10
31) 4-Chloroaniline-d4	10.616	131	37515m	2.504	ng/ul	0.06
46) Dimethylphthalate-d6	13.698	166	104705	3.083	ng/ul	0.02
49) Acenaphthylene-d8	13.957	160	112362	2.947	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.287	176	95711	3.435	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.528	200	6424m	1.001	ng/ul	0.07
73) Anthracene-d10	17.198	188	155992	3.311	ng/ul	0.00
81) Pyrene-d10	19.575	212	202012	2.806	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.592	264	215601	3.158	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.428	128	2271381	61.391	ng/ul	100
36) 2-Methylnaphthalene	12.057	142	524274	20.643	ng/ul	98
37) 1-Methylnaphthalene	12.287	142	242832	9.297	ng/ul	99
43) 1,1'-Biphenyl	13.087	154	131383	3.848	ng/ul	99
52) Acenaphthene	14.322	153	485246	16.933	ng/ul	98
56) Dibenzofuran	14.687	168	511368	13.031	ng/ul	98
61) Fluorene	15.339	166	561457	17.533	ng/ul	100
72) Phenanthrene	17.128	178	2572174	46.742	ng/ul	99
74) Anthracene	17.233	178	402632	7.177	ng/ul	97
77) Carbazole	17.545	167	219493	4.786	ng/ul	99
80) Fluoranthene	19.227	202	1639280	18.853	ng/ul	99
82) Pyrene	19.604	202	1120782	12.667	ng/ul	99
85) Benzo(a)anthracene	21.516	228	417527	5.118	ng/ul	97
87) Chrysene	21.580	228	294203	3.881	ng/ul	97
90) Benzo(b)fluoranthene	23.786	252	261503	3.113	ng/ul#	95
91) Benzo(k)fluoranthene	23.857	252	101455m	1.210	ng/ul	
93) Benzo(a)pyrene	24.663	252	157145	1.979	ng/ul	96

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

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