Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
Data File : BM047820.D
Acq On : 03 Oct 2024 23:15
Operator : RC/JU
Sample : P4084-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCYL8

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 10/04/2024
Supervised By :mohammad ahmed 10/06/2024

Quant Time: Oct 04 00:13:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 28 02:30:36 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	247395	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.592	136	961866	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.439	164	567514	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.174	188	1155496	20.000	ng/ul	-0.01
79) Chrysene-d12	21.397	240	1159206	20.000	ng/ul	-0.01
88) Perylene-d12	24.397	264	1369374	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.251	96	9024	1.179	ng/uL	0.00
4) Pyridine-d5	3.687	84	20803m	0.928	ng/ul	0.01
7) Phenol-d5	6.969	99	143674	6.142	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	100051	6.027	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.334	132	121578	7.143	ng/ul	-0.01
15) 4-Methylphenol-d8	8.504	113	104904	6.031	ng/ul	-0.01
21) Nitrobenzene-d5	8.951	128	53918	7.040	ng/ul	-0.02
24) 2-Nitrophenol-d4	9.675	143	52685	7.179	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.216	165	108768	7.419	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.727	131	59785	2.638	ng/ul	-0.01
46) Dimethylphthalate-d6	13.845	166	336155	8.170	ng/ul	-0.01
49) Acenaphthylene-d8	14.127	160	378851	7.766	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.627	143	32623	3.982	ng/ul	0.00
60) Fluorene-d10	15.427	176	296903	8.331	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.539	200	28548	4.222	ng/ul	-0.01
73) Anthracene-d10	17.268	188	449273	7.907	ng/ul	-0.02
81) Pyrene-d10	19.556	212	439943	6.687	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.191	264	318753	4.486	ng/ul	-0.02
Target Compounds						Qvalue
30) Naphthalene	10.645	128	379092	6.852	ng/ul	99
36) 2-Methylnaphthalene	12.257	142	63131	1.796	ng/ul	97
52) Acenaphthene	14.498	153	75021	1.929	ng/ul	95
61) Fluorene	15.480	166	281337	6.442	ng/ul	100
72) Phenanthrene	17.215	178	1882027	27.774	ng/ul	100
74) Anthracene	17.304	178	531513	7.690	ng/ul	100
80) Fluoranthene	19.227	202	1196793	15.445	ng/ul	98
82) Pyrene	19.586	202	872129	10.113	ng/ul	96
85) Benzo(a)anthracene	21.380	228	274042	3.376	ng/ul	95
87) Chrysene	21.439	228	597222	7.548	ng/ul	98
90) Benzo(b)fluoranthene	23.450	252	862847	10.104	ng/ul	97
91) Benzo(k)fluoranthene	23.509	252	267572m	3.064	ng/ul	
93) Benzo(a)pyrene	24.256	252	92196	1.137	ng/ul#	90
94) Indeno(1,2,3-cd)pyrene	27.773	276	143527	1.381	ng/ul	97

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

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