Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
Data File : BM047873.D
Acq On : 05 Oct 2024 12:07
Operator : RC/JU
Sample : P4083-16
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Oct 05 23:21:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 08:32:31 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4EG9

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/06/2024
Supervised By :mohammad ahmed 10/06/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	385553	20.000	ng/ul	0.00
20) Naphthalene-d8	10.592	136	1539419	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.433	164	942980	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.168	188	1930638	20.000	ng/ul	0.00
79) Chrysene-d12	21.397	240	1784324	20.000	ng/ul	0.00
88) Perylene-d12	24.397	264	2047047	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	10815	0.906	ng/uL	0.00
4) Pyridine-d5	3.681	84	24817m	0.710	ng/ul	0.02
7) Phenol-d5	6.963	99	182510	5.006	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	127539	4.930	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	166120	6.263	ng/ul	0.00
15) 4-Methylphenol-d8	8.504	113	90407	3.335	ng/ul	0.00
21) Nitrobenzene-d5	8.951	128	80877m	6.598	ng/ul	0.00
24) 2-Nitrophenol-d4	9.675	143	85233	7.256	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	164617	7.016	ng/ul	0.00
31) 4-Chloroaniline-d4	10.728	131	74517	2.054	ng/ul	0.00
46) Dimethylphthalate-d6	13.839	166	531751	7.778	ng/ul	0.00
49) Acenaphthylene-d8	14.127	160	597651	7.373	ng/ul	0.00
54) 4-Nitrophenol-d4	14.627	143	55922	4.108	ng/ul	0.00
60) Fluorene-d10	15.421	176	487711	8.236	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	36627	3.242	ng/ul	0.00
73) Anthracene-d10	17.268	188	727611	7.665	ng/ul	0.00
81) Pyrene-d10	19.556	212	717364	7.084	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.191	264	489124	4.605	ng/ul	0.00
Target Compounds						Qvalue
16) Acetophenone	8.616	105	86066	1.856	ng/ul	96
72) Phenanthrene	17.210	178	580924	5.131	ng/ul	99
80) Fluoranthene	19.227	202	1453012	12.183	ng/ul	97
82) Pyrene	19.586	202	910744	6.861	ng/ul	96
85) Benzo(a)anthracene	21.380	228	659182	5.276	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.303	149	323598	4.593	ng/ul	96
87) Chrysene	21.439	228	736756	6.049	ng/ul	96
90) Benzo(b)fluoranthene	23.444	252	1043378	8.173	ng/ul	97
91) Benzo(k)fluoranthene	23.503	252	324095m	2.483	ng/ul	
93) Benzo(a)pyrene	24.250	252	276875	2.284	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	27.774	276	295293	1.901	ng/ul	98

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

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