Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
Data File : BM047876.D
Acq On : 05 Oct 2024 14:05
Operator : RC/JU
Sample : P4083-19
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Oct 05 23:27:03 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 :
A4EH2

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	310370	20.000	ng/ul	0.00
20) Naphthalene-d8	10.592	136	1233523	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.433	164	744959	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.168	188	1526938	20.000	ng/ul	0.00
79) Chrysene-d12	21.398	240	1408747	20.000	ng/ul	0.00
88) Perylene-d12	24.397	264	1601381	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	7565	0.788	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.969	99	125920	4.291	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	96418	4.630	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	120175	5.628	ng/ul	0.00
15) 4-Methylphenol-d8	8.504	113	58341	2.674	ng/ul	0.00
21) Nitrobenzene-d5	8.951	128	60191	6.129	ng/ul	0.00
24) 2-Nitrophenol-d4	9.675	143	62498	6.640	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.216	165	112995	6.010	ng/ul	0.00
31) 4-Chloroaniline-d4	10.728	131	50939	1.752	ng/ul	0.00
46) Dimethylphthalate-d6	13.839	166	352926	6.534	ng/ul	0.00
49) Acenaphthylene-d8	14.128	160	405412	6.331	ng/ul	0.00
54) 4-Nitrophenol-d4	14.633	143	39603	3.683	ng/ul	0.00
60) Fluorene-d10	15.422	176	322082	6.885	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	19793	2.215	ng/ul	0.00
73) Anthracene-d10	17.268	188	487076	6.487	ng/ul	0.00
81) Pyrene-d10	19.557	212	481627	6.024	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.192	264	327040	3.936	ng/ul	0.00
Target Compounds						Qvalue
16) Acetophenone	8.616	105	53982	1.446	ng/ul	91
72) Phenanthrene	17.216	178	561527	6.271	ng/ul	99
74) Anthracene	17.304	178	104558	1.145	ng/ul	99
80) Fluoranthene	19.221	202	1234106	13.106	ng/ul	99
82) Pyrene	19.586	202	761893m	7.270	ng/ul	
85) Benzo(a)anthracene	21.380	228	532389	5.398	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.304	149	258674	4.650	ng/ul#	98
87) Chrysene	21.439	228	589007	6.125	ng/ul	96
90) Benzo(b)fluoranthene	23.450	252	812348	8.134	ng/ul	98
91) Benzo(k)fluoranthene	23.509	252	278730m	2.730	ng/ul	
93) Benzo(a)pyrene	24.256	252	224667	2.369	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	27.774	276	239117	1.967	ng/ul	97
95) Dibenzo(a,h)anthracene	27.827	278	100245	1.006	ng/ul#	90

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

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