Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
Data File : BM047822.D
Acq On : 04 Oct 2024 00:34
Operator : RC/JU
Sample : P4084-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Oct 04 01:22:03 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

Instrument :
BNA_M
ClientSampleId :
DCYM2

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	277087	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.592	136	1113431	20.000	ng/ul	#-0.02
38) Acenaphthene-d10	14.433	164	686763	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.174	188	1393840	20.000	ng/ul	-0.01
79) Chrysene-d12	21.398	240	1349727	20.000	ng/ul	-0.01
88) Perylene-d12	24.397	264	1532475	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	11774	1.373	ng/uL	0.00
4) Pyridine-d5	3.687	84	13210	0.526	ng/ul	0.01
7) Phenol-d5	6.969	99	199508	7.614	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	126242	6.790	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.334	132	165431	8.678	ng/ul	-0.01
15) 4-Methylphenol-d8	8.504	113	136281	6.996	ng/ul	-0.01
21) Nitrobenzene-d5	8.951	128	75041	8.465	ng/ul	-0.02
24) 2-Nitrophenol-d4	9.675	143	79295	9.334	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.216	165	154679	9.114	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.728	131	159844	6.092	ng/ul	-0.01
46) Dimethylphthalate-d6	13.845	166	461078	9.260	ng/ul	-0.01
49) Acenaphthylene-d8	14.127	160	529875	8.976	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.627	143	48227	4.865	ng/ul	0.00
60) Fluorene-d10	15.427	176	419220	9.720	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.539	200	40301	4.941	ng/ul	-0.01
73) Anthracene-d10	17.274	188	614362	8.964	ng/ul	-0.01
81) Pyrene-d10	19.557	212	611497	7.983	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.186	264	413834	5.205	ng/ul	-0.02
Target Compounds						Qvalue
72) Phenanthrene	17.216	178	93379	1.142	ng/ul	99
74) Anthracene	17.304	178	261254	3.134	ng/ul	99
80) Fluoranthene	19.227	202	373722	4.142	ng/ul	97
82) Pyrene	19.586	202	303903	3.026	ng/ul	97
85) Benzo(a)anthracene	21.380	228	229370	2.427	ng/ul	98
87) Chrysene	21.439	228	456664	4.957	ng/ul	96
90) Benzo(b)fluoranthene	23.450	252	659323	6.899	ng/ul	100
91) Benzo(k)fluoranthene	23.503	252	201358m	2.061	ng/ul	
94) Indeno(1,2,3-cd)pyrene	27.774	276	166853	1.434	ng/ul	97

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

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