Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045837.D
Acq On : 05 Jun 2024 05:04
Operator : MA/JU
Sample : P2586-05
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D18

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024

Quant Time: Jun 05 05:42:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 31 13:01:11 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.463	152	352741	20.000	ng/ul	0.00
20) Naphthalene-d8	10.233	136	1406457	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.110	164	783468	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.851	188	1382520	20.000	ng/ul	0.00
79) Chrysene-d12	21.062	240	1080266	20.000	ng/ul	0.00
88) Perylene-d12	23.785	264	1227429	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.051	96	34278	3.768	ng/uL	0.00
4) Pyridine-d5	3.481	84	114488	4.887	ng/ul	0.01
7) Phenol-d5	6.716	99	725656	24.216	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.828	67	525545	24.423	ng/ul	0.00
11) 2-Chlorophenol-d4	7.028	132	589159	26.321	ng/ul	0.00
15) 4-Methylphenol-d8	8.233	113	535028	23.632	ng/ul	0.00
21) Nitrobenzene-d5	8.628	128	290592	26.426	ng/ul	0.00
24) 2-Nitrophenol-d4	9.339	143	306078	27.502	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.892	165	536935	25.727	ng/ul	0.00
31) 4-Chloroaniline-d4	10.422	131	262929	9.103	ng/ul	0.00
46) Dimethylphthalate-d6	13.557	166	1471412	27.128	ng/ul	0.00
49) Acenaphthylene-d8	13.798	160	1684073	26.738	ng/ul	0.00
54) 4-Nitrophenol-d4	14.404	143	168200	14.369	ng/ul	0.00
60) Fluorene-d10	15.104	176	1206677	26.078	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.245	200	113808m	16.121	ng/ul	0.00
73) Anthracene-d10	16.951	188	1692061	28.153	ng/ul	0.00
81) Pyrene-d10	19.250	212	1667701	24.824	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.597	264	1169879	20.393	ng/ul	0.00
Target Compounds						Qvalue
50) Acenaphthylene	13.827	152	100276	1.376	ng/ul	99
72) Phenanthrene	16.892	178	817629	11.224	ng/ul	100
74) Anthracene	16.986	178	169907	2.335	ng/ul	98
77) Carbazole	17.274	167	85771	1.381	ng/ul	98
80) Fluoranthene	18.915	202	1627931	19.989	ng/ul	99
82) Pyrene	19.280	202	1353237	16.172	ng/ul	99
85) Benzo(a)anthracene	21.044	228	698169	9.360	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	20.997	149	118918	2.347	ng/ul	99
87) Chrysene	21.103	228	769977	11.159	ng/ul	97
90) Benzo(b)fluoranthene	22.933	252	969246	12.849	ng/ul#	97
91) Benzo(k)fluoranthene	22.985	252	364318m	4.945	ng/ul	
93) Benzo(a)pyrene	23.656	252	436164	6.580	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.779	276	376106	5.196	ng/ul	98
95) Dibenzo(a,h)anthracene	26.821	278	122627	2.142	ng/ul#	88

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

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