Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037897.D
Acq On : 08 Dec 2022 21:31
Operator : CG/JU
Sample : N5832-04 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 08 22:42:21 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 08 01:49:06 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBXK1

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	285415	20.000	ng/ul	0.00
20) Naphthalene-d8	10.904	136	1129510	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.716	164	608401	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.451	188	1178992	20.000	ng/ul	0.00
79) Chrysene-d12	21.621	240	919229	20.000	ng/ul	0.00
88) Perylene-d12	24.103	264	1033725	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	4969	0.790	ng/uL	0.00
4) Pyridine-d5	3.887	84	21946m	1.177	ng/ul	0.02
7) Phenol-d5	7.240	99	91784	3.957	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.404	67	58036	4.109	ng/ul	0.00
11) 2-Chlorophenol-d4	7.610	132	75980	3.993	ng/ul	0.00
15) 4-Methylphenol-d8	8.792	113	70253	3.880	ng/ul	0.00
21) Nitrobenzene-d5	9.257	128	37037	4.141	ng/ul	0.00
24) 2-Nitrophenol-d4	9.981	143	36844	3.931	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	66837	3.755	ng/ul	0.00
31) 4-Chloroaniline-d4	11.045	131	46524	1.893	ng/ul	0.00
46) Dimethylphthalate-d6	14.122	166	191426	4.413	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	221355	4.176	ng/ul	0.00
54) 4-Nitrophenol-d4	14.910	143	19460	2.633	ng/ul	0.00
60) Fluorene-d10	15.698	176	171894	4.448	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	14443	2.291	ng/ul	0.00
73) Anthracene-d10	17.551	188	252965	4.597	ng/ul	0.00
81) Pyrene-d10	19.833	212	266467	4.826	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.939	264	237899	4.608	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.957	128	101221	1.661	ng/ul	99
50) Acenaphthylene	14.439	152	119762	2.055	ng/ul	99
72) Phenanthrene	17.492	178	281582	4.373	ng/ul	100
74) Anthracene	17.586	178	395466	6.044	ng/ul	99
80) Fluoranthene	19.498	202	670367	10.287	ng/ul	100
82) Pyrene	19.862	202	599498	8.839	ng/ul	99
85) Benzo(a)anthracene	21.603	228	255683	4.132	ng/ul	96
87) Chrysene	21.656	228	457745	7.883	ng/ul	97
90) Benzo(b)fluoranthene	23.344	252	1070746	16.708	ng/ul	98
91) Benzo(k)fluoranthene	23.386	252	215363m	3.467	ng/ul	
93) Benzo(a)pyrene	23.991	252	423758	7.519	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.697	276	374668	5.162	ng/ul	95
95) Dibenzo(a,h)anthracene	26.703	278	96181	1.572	ng/ul#	79
96) Benzo(g,h,i)perylene	27.497	276	229740	3.965	ng/ul	96

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

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