Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037923.D
Acq On : 09 Dec 2022 18:57
Operator : CG/JU
Sample : N5896-14 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 09 21:50:12 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 21:34:57 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBXN2

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	252041	20.000	ng/ul	0.00
20) Naphthalene-d8	10.904	136	1033513	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	603629	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.451	188	1265338	20.000	ng/ul	0.00
79) Chrysene-d12	21.621	240	980836	20.000	ng/ul	0.00
88) Perylene-d12	24.103	264	1020444	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	2084m	0.375	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.234	99	31487	1.537	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.404	67	19183	1.538	ng/ul	0.00
11) 2-Chlorophenol-d4	7.610	132	26979	1.606	ng/ul	0.00
15) 4-Methylphenol-d8	8.793	113	24763	1.549	ng/ul	0.00
21) Nitrobenzene-d5	9.257	128	12545	1.533	ng/ul	0.00
24) 2-Nitrophenol-d4	9.981	143	12767	1.489	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.516	165	23896	1.467	ng/ul	0.00
31) 4-Chloroaniline-d4	11.045	131	22066	0.981	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	75547	1.755	ng/ul	0.00
49) Acenaphthylene-d8	14.404	160	83543	1.588	ng/ul	0.00
54) 4-Nitrophenol-d4	14.910	143	7401	1.009	ng/ul	0.00
60) Fluorene-d10	15.698	176	71140	1.855	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	6732	0.995	ng/ul	0.00
73) Anthracene-d10	17.551	188	129723	2.197	ng/ul	0.00
81) Pyrene-d10	19.833	212	138211	2.346	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.939	264	105104	2.062	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.951	128	58788	1.054	ng/ul	98
50) Acenaphthylene	14.439	152	81931	1.417	ng/ul	98
52) Acenaphthene	14.774	153	65045	1.626	ng/ul	97
61) Fluorene	15.751	166	167572	3.762	ng/ul	98
72) Phenanthrene	17.492	178	780560	11.296	ng/ul	99
74) Anthracene	17.586	178	2732359	38.910	ng/ul	99
80) Fluoranthene	19.498	202	1449852	20.851	ng/ul	99
82) Pyrene	19.862	202	1391954	19.234	ng/ul	99
85) Benzo(a)anthracene	21.603	228	348765	5.282	ng/ul	97
87) Chrysene	21.656	228	530510m	8.563	ng/ul	
90) Benzo(b)fluoranthene	23.345	252	934907	14.778	ng/ul	98
91) Benzo(k)fluoranthene	23.386	252	207192m	3.379	ng/ul	
93) Benzo(a)pyrene	23.992	252	356283	6.404	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.691	276	289450	4.040	ng/ul	97
95) Dibenzo(a,h)anthracene	26.703	278	74033	1.226	ng/ul#	91
96) Benzo(g,h,i)perylene	27.497	276	239922	4.194	ng/ul	98

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

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