Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037915.D
Acq On : 09 Dec 2022 14:02
Operator : CG/JU
Sample : N5896-03 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 09 21:48:10 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 :
DBXM1

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	250886	20.000	ng/ul	0.00
20) Naphthalene-d8	10.904	136	1023203	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	579059	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.451	188	1195140	20.000	ng/ul	0.00
79) Chrysene-d12	21.621	240	923347	20.000	ng/ul	0.00
88) Perylene-d12	24.109	264	1020490	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.422	96	1532	0.277	ng/uL	0.00
4) Pyridine-d5	3.899	84	12191m	0.744	ng/ul	0.04
7) Phenol-d5	7.234	99	37845	1.856	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.404	67	23654	1.905	ng/ul	0.00
11) 2-Chlorophenol-d4	7.610	132	32119	1.921	ng/ul	0.00
15) 4-Methylphenol-d8	8.792	113	28155	1.769	ng/ul	0.00
21) Nitrobenzene-d5	9.251	128	15474	1.910	ng/ul	0.00
24) 2-Nitrophenol-d4	9.981	143	14739	1.736	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.516	165	27659	1.715	ng/ul	0.00
31) 4-Chloroaniline-d4	11.045	131	26018	1.169	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	80297	1.945	ng/ul	0.00
49) Acenaphthylene-d8	14.404	160	95303	1.889	ng/ul	0.00
54) 4-Nitrophenol-d4	14.910	143	6177	0.878	ng/ul	0.00
60) Fluorene-d10	15.698	176	76807	2.088	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.815	200	6108	0.956	ng/ul	0.00
73) Anthracene-d10	17.551	188	135485	2.429	ng/ul	0.00
81) Pyrene-d10	19.833	212	132919	2.396	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.944	264	109512	2.149	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.951	128	109971	1.992	ng/ul	99
50) Acenaphthylene	14.439	152	118578	2.137	ng/ul	97
52) Acenaphthene	14.774	153	93444	2.435	ng/ul	98
61) Fluorene	15.751	166	101421	2.374	ng/ul	97
72) Phenanthrene	17.492	178	618998	9.484	ng/ul	99
74) Anthracene	17.586	178	1096111	16.526	ng/ul	99
80) Fluoranthene	19.498	202	835772	12.768	ng/ul	99
82) Pyrene	19.862	202	956694	14.043	ng/ul	99
85) Benzo(a)anthracene	21.603	228	236932m	3.811	ng/ul	
87) Chrysene	21.662	228	528740m	9.066	ng/ul	
90) Benzo(b)fluoranthene	23.344	252	1435330m	22.687	ng/ul	
91) Benzo(k)fluoranthene	23.380	252	310355m	5.062	ng/ul	
93) Benzo(a)pyrene	23.997	252	643340	11.564	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.697	276	445661	6.220	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.703	278	110897	1.836	ng/ul#	83
96) Benzo(g,h,i)perylene	27.503	276	341317	5.966	ng/ul	98

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

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