Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037916.D
Acq On : 09 Dec 2022 14:39
Operator : CG/JU
Sample : N5896-04 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 09 21:48:25 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 :
DBXM2

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	164545	20.000	ng/ul	0.00
20) Naphthalene-d8	10.904	136	686331	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	400841	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.451	188	935282	20.000	ng/ul	0.00
79) Chrysene-d12	21.621	240	972438	20.000	ng/ul	0.00
88) Perylene-d12	24.109	264	1040895	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.422	96	1349m	0.372	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.234	99	27052	2.023	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.404	67	16678	2.048	ng/ul	0.00
11) 2-Chlorophenol-d4	7.604	132	24701	2.252	ng/ul	0.00
15) 4-Methylphenol-d8	8.793	113	21404	2.051	ng/ul	0.00
21) Nitrobenzene-d5	9.257	128	11225	2.066	ng/ul	0.00
24) 2-Nitrophenol-d4	9.981	143	10822	1.900	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	19937	1.843	ng/ul	0.00
31) 4-Chloroaniline-d4	11.045	131	20941	1.403	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	62329	2.181	ng/ul	0.00
49) Acenaphthylene-d8	14.404	160	72812	2.085	ng/ul	0.00
54) 4-Nitrophenol-d4	14.910	143	5955m	1.223	ng/ul	0.00
60) Fluorene-d10	15.698	176	58877	2.313	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.810	200	5696	1.139	ng/ul	0.00
73) Anthracene-d10	17.551	188	124554	2.853	ng/ul	0.00
81) Pyrene-d10	19.833	212	137816	2.359	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.944	264	122905	2.364	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.951	128	57824	1.561	ng/ul	97
36) 2-Methylnaphthalene	12.551	142	25734	1.071	ng/ul	99
50) Acenaphthylene	14.433	152	134434	3.500	ng/ul	100
52) Acenaphthene	14.774	153	52145	1.963	ng/ul	96
61) Fluorene	15.751	166	91584	3.097	ng/ul	98
72) Phenanthrene	17.492	178	387414	7.585	ng/ul	100
74) Anthracene	17.586	178	1267885	24.427	ng/ul	100
80) Fluoranthene	19.498	202	565987	8.210	ng/ul	98
82) Pyrene	19.862	202	496104	6.914	ng/ul	98
85) Benzo(a)anthracene	21.603	228	201419	3.077	ng/ul	93
87) Chrysene	21.656	228	345812m	5.630	ng/ul	
90) Benzo(b)fluoranthene	23.345	252	1192762	18.483	ng/ul	98
91) Benzo(k)fluoranthene	23.392	252	317624m	5.079	ng/ul	
93) Benzo(a)pyrene	23.997	252	524262	9.239	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	26.697	276	492443	6.738	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.703	278	120434	1.955	ng/ul#	82
96) Benzo(g,h,i)perylene	27.497	276	362445	6.211	ng/ul	99

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

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