Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120222\
Data File : BM037827.D
Acq On : 02 Dec 2022 13:56
Operator : CG/JU
Sample : N5738-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GBNJ6

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 12/06/2022
Supervised By :mohammad ahmed 12/08/2022

Quant Time: Dec 02 21:48:04 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120122.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 02 01:14:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.098	152	245605	20.000	ng/ul	0.00
20) Naphthalene-d8	10.922	136	1156499	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.733	164	699216	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.539	188	667197m	20.000	ng/ul	0.08
79) Chrysene-d12	21.656	240	695999m	20.000	ng/ul	0.02
88) Perylene-d12	24.150	264	803359	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	16428	3.138	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.251	99	482283	21.796	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.422	67	278154	21.546	ng/ul	0.00
11) 2-Chlorophenol-d4	7.628	132	397948	23.786	ng/ul	0.00
15) 4-Methylphenol-d8	8.810	113	374930	21.306	ng/ul	0.00
21) Nitrobenzene-d5	9.269	128	208948	22.744	ng/ul	0.00
24) 2-Nitrophenol-d4	9.998	143	228069	23.991	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	404492	22.944	ng/ul	0.00
31) 4-Chloroaniline-d4	11.086	131	10980m	0.406	ng/ul	0.03
46) Dimethylphthalate-d6	14.133	166	1189450	24.773	ng/ul	0.00
49) Acenaphthylene-d8	14.427	160	1384851	23.716	ng/ul	0.00
54) 4-Nitrophenol-d4	14.933	143	212285	21.301	ng/ul	0.02
60) Fluorene-d10	15.727	176	822733	18.888	ng/ul	0.02
65) 4,6-Dinitro-2-methylph...	15.845	200	140213m	39.894	ng/ul	0.02
73) Anthracene-d10	17.627	188	725523m	23.646	ng/ul	0.06
81) Pyrene-d10	19.886	212	680565m	18.877	ng/ul	0.04
92) Benzo(a)pyrene-d12	23.986	264	957139	23.782	ng/ul	0.03
Target Compounds						Qvalue
8) Phenol	7.281	94	38263	1.692	ng/ul	97
16) Acetophenone	8.928	105	146236	5.268	ng/ul	98
50) Acenaphthylene	14.457	152	97435	1.505	ng/ul#	55
58) 2,3,4,6-Tetrachlorophenol	15.363	232	1134445	92.632	ng/ul#	81
71) Pentachlorophenol	17.280	266	39262405m	7984.256	ng/ul	
72) Phenanthrene	17.574	178	495625m	13.706	ng/ul	
74) Anthracene	17.662	178	105550m	2.861	ng/ul	
80) Fluoranthene	19.556	202	981951	22.299	ng/ul	99
82) Pyrene	19.921	202	2083860	45.831	ng/ul	97
83) Butylbenzylphthalate	20.780	149	567212m	28.612	ng/ul	
85) Benzo(a)anthracene	21.639	228	148416m	3.333	ng/ul	
86) Bis(2-ethylhexyl)phtha...	21.539	149	593585	19.815	ng/ul	95
87) Chrysene	21.698	228	614726m	14.830	ng/ul	
90) Benzo(b)fluoranthene	23.386	252	604403	11.715	ng/ul#	83
91) Benzo(k)fluoranthene	23.427	252	194898m	3.916	ng/ul	
93) Benzo(a)pyrene	24.039	252	183092	4.092	ng/ul#	60
94) Indeno(1,2,3-cd)pyrene	26.780	276	226618	4.505	ng/ul	97
95) Dibenzo(a,h)anthracene	26.791	278	46072	1.006	ng/ul#	31
96) Benzo(g,h,i)perylene	27.579	276	182771	4.164	ng/ul#	92

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

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