Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046026.D
Acq On : 13 Jun 2024 16:37
Operator : MA/JU
Sample : P2648-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHBT8

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 06/14/2024
Supervised By :mohammad ahmed 06/15/2024

Quant Time: Jun 14 01:23:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 16:01:34 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.434	152	117507	20.000	ng/ul	0.00
20) Naphthalene-d8	10.198	136	484682	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.080	164	295415	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.827	188	590858	20.000	ng/ul	0.00
79) Chrysene-d12	21.045	240	557341	20.000	ng/ul	0.00
88) Perylene-d12	23.750	264	640879	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.040	96	9852	3.251	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.693	99	227298	22.770	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.804	67	168986	23.574	ng/ul	0.00
11) 2-Chlorophenol-d4	6.998	132	185369	24.860	ng/ul	0.00
15) 4-Methylphenol-d8	8.210	113	173724	23.035	ng/ul	0.00
21) Nitrobenzene-d5	8.604	128	95762	25.270	ng/ul	0.00
24) 2-Nitrophenol-d4	9.310	143	101651	26.504	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.863	165	173092	24.067	ng/ul	0.00
31) 4-Chloroaniline-d4	10.392	131	120677	12.124	ng/ul	0.00
46) Dimethylphthalate-d6	13.527	166	539199	26.365	ng/ul	0.00
49) Acenaphthylene-d8	13.769	160	616353	25.953	ng/ul	0.00
54) 4-Nitrophenol-d4	14.392	143	61120	13.848	ng/ul	0.01
60) Fluorene-d10	15.080	176	455067	26.082	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.233	200	45916	15.218	ng/ul	0.01
73) Anthracene-d10	16.927	188	696592	27.119	ng/ul	0.00
81) Pyrene-d10	19.227	212	741076	21.381	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.568	264	585059	19.533	ng/ul	0.00
Target Compounds						Qvalue
16) Acetophenone	8.287	105	19956	1.588	ng/ul	84
50) Acenaphthylene	13.804	152	66154	2.407	ng/ul	96
52) Acenaphthene	14.145	153	19051	1.039	ng/ul	97
61) Fluorene	15.139	166	22622	1.135	ng/ul	99
72) Phenanthrene	16.868	178	570332	18.319	ng/ul	99
74) Anthracene	16.962	178	118790	3.820	ng/ul	97
77) Carbazole	17.251	167	50646	1.909	ng/ul	96
80) Fluoranthene	18.892	202	1238516	29.475	ng/ul	99
82) Pyrene	19.256	202	980633	22.715	ng/ul	97
83) Butylbenzylphthalate	20.180	149	27448	1.560	ng/ul#	84
85) Benzo(a)anthracene	21.027	228	567020	14.734	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	20.974	149	140830	5.387	ng/ul	100
87) Chrysene	21.080	228	640145	17.981	ng/ul	97
90) Benzo(b)fluoranthene	22.909	252	784360	19.915	ng/ul	98
91) Benzo(k)fluoranthene	22.956	252	300153m	7.803	ng/ul	
93) Benzo(a)pyrene	23.621	252	330356	9.545	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.732	276	302314	7.999	ng/ul	99
95) Dibenzo(a,h)anthracene	26.768	278	101022	3.379	ng/ul	93
96) Benzo(g,h,i)perylene	27.674	276	48411m	1.454	ng/ul	

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

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