Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051021\
Data File : BM029913.D
Acq On : 10 May 2021 20:11
Operator : CG/JU
Sample : M2177-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BG579

Manual Integrations APPROVED
mohammad
5/11/2021 2:33:02 PM

Quant Time: May 11 01:39:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 11 01:19:00 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	135076	20.00	ng/ul	0.00
20) Naphthalene-d8	10.33	136	621380	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.20	164	412698	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.94	188	848951	20.00	ng/ul	0.00
79) Chrysene-d12	21.13	240	837528	20.00	ng/ul	0.00
88) Perylene-d12	23.29	264	751533	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	4003	1.18	ng/uL	0.01
4) Pyridine-d5	3.55	84	28152m	3.32	ng/ul	0.06
7) Phenol-d5	6.75	99	92128	7.33	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.90	67	41526	5.33	ng/ul	0.00
11) 2-Chlorophenol-d4	7.09	132	62566	6.45	ng/ul	0.00
15) 4-Methylphenol-d8	8.28	113	43611	4.20	ng/ul	0.01
21) Nitrobenzene-d5	8.72	128	20810	4.86	ng/ul	0.00
24) 2-Nitrophenol-d4	9.43	143	22003	4.55	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	9.97	165	58524	6.04	ng/ul	0.02
31) 4-Chloroaniline-d4	10.49	131	53164	3.60	ng/ul	0.02
46) Dimethylphthalate-d6	13.62	166	201533	6.30	ng/ul	0.00
49) Acenaphthylene-d8	13.89	160	410857	10.13	ng/ul	0.00
54) 4-Nitrophenol-d4	14.49	143	8967m	1.72	ng/ul	0.06
60) Fluorene-d10	15.20	176	186941	6.88	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.34	200	14032	2.54	ng/ul	0.00
73) Anthracene-d10	17.04	188	452390	10.58	ng/ul	0.00
81) Pyrene-d10	19.34	212	951705	22.15	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.15	264	858241	20.15	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	16.99	178	50541	1.010	ng/ul	99
80) Fluoranthene	19.01	202	139941	2.676	ng/ul	98
82) Pyrene	19.37	202	292523	5.316	ng/ul	100
85) Benzo(a)anthracene	21.12	228	86398	1.581	ng/ul	94
86) Bis(2-ethylhexyl)phthalate	21.06	149	68724	2.038	ng/ul	99
87) Chrysene	21.17	228	99535	1.829	ng/ul	98
90) Benzo(b)fluoranthene	22.65	252	95005m	1.949	ng/ul	
93) Benzo(a)pyrene	23.20	252	91356	2.063	ng/ul#	95
96) Benzo(g,h,i)perylene	26.10	276	50270	1.158	ng/ul	96

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

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