Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
Data File : BM025579.D
Acq On : 16 Mar 2020 14:33
Operator : CG/JU
Sample : L1906-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG1

Manual Integrations APPROVED
mohammad
3/17/2020 3:10:08 PM

Quant Time: Mar 16 15:10:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 16 04:27:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	213083	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	931913	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	578415	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	1168155	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	1090336	20.00	ng/ul	0.00
86) Perylene-d12	23.39	264	1279536	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	19578	3.85	ng/uL	0.00
5) Phenol-d5	6.82	99	450114	26.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	263604	27.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	371608	27.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	370422	26.81	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	186108	26.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	210614	28.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	392836	26.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	454210	25.98	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	1164001	26.48	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	1429777	27.15	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	180143	21.52	ng/ul	0.00
58) Fluorene-d10	15.27	176	1020022	26.43	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	123756	17.36	ng/ul	0.00
71) Anthracene-d10	17.11	188	1514253	27.75	ng/ul	0.00
79) Pyrene-d10	19.41	212	1575572	30.08	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.25	264	1855810	28.33	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	13.73	163	235386	5.144	ng/ul	100
48) Acenaphthylene	13.99	152	524643	9.198	ng/ul	99
70) Phenanthrene	17.06	178	444827	6.469	ng/ul	100
72) Anthracene	17.14	178	228412	3.260	ng/ul	100
77) Fluoranthene	19.07	202	2499465	30.839	ng/ul	100
80) Pyrene	19.44	202	2557580	34.926	ng/ul	99
83) Benzo(a)anthracene	21.19	228	2219611m	30.877	ng/ul	
85) Chrysene	21.24	228	2140942	30.356	ng/ul	98
88) Benzo(b)fluoranthene	22.74	252	3664384	45.899	ng/ul	99
89) Benzo(k)fluoranthene	22.78	252	1310892m	16.668	ng/ul	
91) Benzo(a)pyrene	23.30	252	2769705	38.122	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.55	276	2047103	21.335	ng/ul	97
93) Dibenzo(a,h)anthracene	25.55	278	534299	6.576	ng/ul#	85
94) Benzo(g,h,i)perylene	26.21	276	1569214	19.844	ng/ul	98

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

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