Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102419\
Data File : BM023389.D
Acq On : 24 Oct 2019 21:04
Operator : JU
Sample : K5346-08DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ETOM1DL

Manual Integrations APPROVED
mohammad
10/26/2019 10:04:17 AM

Quant Time: Oct 24 23:22:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 23 18:47:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	524671	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1954945	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	1139058	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	2215646	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	2186604	20.00	ng/ul	0.01
86) Perylene-d12	23.44	264	2761016	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	9422	0.85	ng/uL	0.02
5) Phenol-d5	6.83	99	161773	3.67	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.99	67	100627	3.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	144904	4.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	118317	3.31	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	66996	4.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	65959	4.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	133443	4.16	ng/ul	0.01
29) 4-Chloroaniline-d4	10.56	131	128338	3.48	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	439409	5.08	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	487729	4.92	ng/ul	0.00
52) 4-Nitrophenol-d4	14.51	143	29154	1.95	ng/ul	0.02
58) Fluorene-d10	15.29	176	379839	5.19	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	5164	0.37	ng/ul	0.02
71) Anthracene-d10	17.14	188	620157	5.92	ng/ul	0.00
79) Pyrene-d10	19.44	212	646004	5.37	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.30	264	810566	5.76	ng/ul	0.02
Target Compounds						Qvalue
45) Dimethylphthalate	13.76	163	125728	1.448	ng/ul	100
48) Acenaphthylene	14.01	152	368917	3.592	ng/ul	98
70) Phenanthrene	17.08	178	247454	1.998	ng/ul	99
72) Anthracene	17.17	178	823850	6.567	ng/ul	99
77) Fluoranthene	19.10	202	854422	6.616	ng/ul	99
80) Pyrene	19.47	202	1296000	8.393	ng/ul	98
83) Benzo(a)anthracene	21.22	228	1553245	10.621	ng/ul	95
85) Chrysene	21.27	228	2817235	20.879	ng/ul	99
88) Benzo(b)fluoranthene	22.79	252	5521878	31.139	ng/ul	98
89) Benzo(k)fluoranthene	22.83	252	1338257m	8.037	ng/ul	
91) Benzo(a)pyrene	23.35	252	3160310	19.686	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.66	276	2363390	13.596	ng/ul	96
93) Dibenzo(a,h)anthracene	25.66	278	634930	4.332	ng/ul#	85
94) Benzo(g,h,i)perylene	26.34	276	1744408	12.334	ng/ul	98

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

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