Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082319\

Quantitation Report (QT Reviewed)

Data File : BM022316.D
Acq On : 25 Aug 2019 06:01
Operator : HP/JU
Sample : K4242-02ME
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Aug 26 03:38:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 26 01:32:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	36502	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	169489	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.21	164	118412	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	267278	20.00	ng/ul	0.00
77) Chrysene-d12	21.18	240	248225	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	227303	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	1956	2.40	ng/uL	0.00
5) Phenol-d5	6.76	99	42265	13.42	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.91	67	25816	14.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	36827	14.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	37371	13.69	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	17770	14.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	21094	14.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	41095	13.72	ng/ul	0.01
29) 4-Chloroaniline-d4	10.50	131	47012	12.91	ng/ul	0.01
43) Dimethylphthalate-d6	13.64	166	156730	15.03	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	163267	14.54	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	12523	8.11	ng/ul	0.04
57) Fluorene-d10	15.22	176	130838	15.13	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	18189	8.82	ng/ul	0.00
70) Anthracene-d10	17.07	188	215525	15.23	ng/ul	0.00
78) Pyrene-d10	19.38	212	276393	21.42	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.23	264	207120	16.59	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	13.69	163	28500	2.686	ng/ul	98
49) Acenaphthene	14.27	153	11502	1.391	ng/ul	97
58) Fluorene	15.27	166	11300	1.089	ng/ul	95
69) Phenanthrene	17.02	178	238338	14.906	ng/ul	99
71) Anthracene	17.10	178	59248m	3.561	ng/ul	
74) Carbazole	17.40	167	24136	1.606	ng/ul	98
76) Fluoranthene	19.04	202	438599	18.202	ng/ul	99
79) Pyrene	19.41	202	376937	23.461	ng/ul	99
82) Benzo(a)anthracene	21.16	228	176864	9.467	ng/ul	98
84) Chrysene	21.22	228	151627	8.680	ng/ul	97
87) Benzo(b)fluoranthene	22.71	252	160691	10.163	ng/ul	96
88) Benzo(k)fluoranthene	22.76	252	55567	3.624	ng/ul	99
90) Benzo(a)pyrene	23.27	252	120784	8.014	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.56	276	69740	3.985	ng/ul	97
92) Dibenzo(a,h)anthracene	25.56	278	17569	1.182	ng/ul#	83
93) Benzo(g,h,i)perylene	26.23	276	51762	3.877	ng/ul	94

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

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